

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

ORIGINIAL (Red)

REGION III CENTRAL REGIONAL LABORATORY 839 BESTGATE ROAD ANNAPOLIS, MARYLAND 21401

301-224-2740 FTS-922-3752

DATE : September 15, 1986

SUBJECT: Organic Data QA Review, Case 6348, Site: Blosenski

: Diana Pickens (3ES23) \$\mathbb{9}\gamma^2\lambda FROM

Chemist

TO : Tim Travers (3HW12)

CERCLA Enforcement Section

Patricia J. Krantz (3ES23) PM px **THRU**

Introduction

The findings offered in this report are based upon a general review of sample data, blank analyses results, surrogate and matrix spike results, target compound matching quality, and tentatively identified compound results for 38 aqueous samples analyzed by one laboratory.

The attached data summary contains only compounds which were reported as detected in at least one sample. The complete list of target compounds. their results, and associated detection limits are located as an Appendix.

The data summary contains the following qualifier codes:

- The material was analyzed for, but was not detected. The associated numerical value is the estimated sample quantitation limit.
- The associated numerical value is an estimated quantity because quality control criteria were not met.
- Presumptive evidence of presence of material (tentative identification.)

The laboratory performed the analyses in compliance with CLP, including the required quality control. Holding times were met and tune and calibration were within specifications. The package contains all information needed to assure compliance with the procedures. No significant problems were encountered. Minor exceptions are discussed in the following section.

Qualifiers

- All reported concentrations of methylene chloride and acetone were not above the levels detected in laboratory and/or field blanks. All positive values have been qualified as not detected (U) and the sample quantitation limit has been qualified as estimated (J).
- No tentatively identified compounds were detected in any samples.
- Very low concentrations of 1,1,1-trichloroethane and tetrachloroethene were detected in the raw data for CC907. These trace levels are not required to be reported under the organics Statement of Work. Upon special request, the lab analyst verbally confirmed the presence of these compounds. The results were added to the data summary during the data review with the qualifier N to indicate the identification is tentative and J to indicate the reported concentration is estimated.

Summary

All samples were successfully analyzed for Volatile Organics (VOAs). Very few positive results were detected by the CLP lab through the Routine Analytical Service. The differences between the field screening results and this data set may be due to the difference in the method detection limits.

Please see the accompanying support documentation appendices for specifics

Attachments

cc: Monica Connolly, FIT

DP:wbg

Remarks Site Name Blosen sk. Date of Sample 8/19/86 Compounds Detected SAMPLE DATA SUMMARY TARGET COMPOUNDS ☐ Inorganic tetrachioro. **F** Trichloso Chiene R Organic 4,040,20/42 þ d 4 anota, p ત Shirely S 205 205 2/2 Units AQ Phase Sample Description and Location CC 906 KEESEY SERVICE CENTER FREEMAN . CC903 Me CORKLE CGOOT PRITEHARD CC902 WELSH CC904 WRIGHT CGOS CANDLL CC908 PRITZ TDD Number **EPA Number** Sample Number CC901

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

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W

200

105

CC CC PIA UMSTEAD

CC913 RILEY

CC914 KIBLER

300

100910 WAGNER

Scoul PRATT

CC909 HUCKEL

OR GINAL (Red)

O Denotes resulte of ministionable multisation chariftening harred in in coalte are reconsisted.

SAMPLE DATA SUMMARY TARGET COMPOUNDS

Organic 🔲 Inorganic

TDD Number EPA Number

Site Name Blosenski Date of Sample 8 19 86 and 8/20/86

Remarks RIGINAL (Red) Compounds Detected 2 Marks المرازان h shorns 3 SHICKS Trichlore. 4,3 0,40,30/4) or se fore 5 Sp. solds و 603 5 0 3 Units A Q Phase CC920 HADDON FARM Sample Description and Location ccost CAMPRELL, R. field blank CC915 field blank CC132 STIEAM A cc133 ST(c+m) & C C934 STUTE FUS CCP21 STREAM A CC925 MILLONEY MITCHEL Spri(D) 12 CC916 WALTERS CC 9 19 DYMTRYK 1282 171622 cc 218 Sample Number

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

• Denotes results of questionable qualitative significance hased upon minity accurance review of data

Remarks ORIGIN Red Site Name Blosemski Date of Sample 9/21 86 Compounds Detected SAMPLE DATA SUMMARY TARGET COMPOUNDS ☐ Inorganic Organic 4,3040,30/4) 3 P. 1.0 143 505 7 603 و Cnits Phase Sample Description and Location cc929 CAIRNS, D CE 178 CAMPRELL, J CC938 CAIRNS, M CEITY MORROW, R Cagad Sield blank CC930 PETERSON CC931 GOODMAN CC932WHITLOCK CEITH CRESMER 10933 HARDY CE ITT WALTE TDD Number EPA Number Sample Number 32

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

O Denotes results of questionable malitative significance based upon mality accommendation of the

AMPLEY SUMMARY TARGE, SMPOUNDS SAMPLE

[] Invrganic Organic

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HYD Number LPA Number

Site Name Blose water

Date of Sample

Sample Sample Description Phase Units SS AS	
Egyz7 Blank A. Mull	GINA (¢d)
13-176 CRESHER #1.W AL / W/L GAIN 0.50 1.00	4.0 [0.10]

^{*} o review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

Denotes results of questionable qualitative significance based upon quality assurance review of data.

SAMPLET ANIMMARY TARGET COMPOUNDS

[] Inorganic

Organic

100 Number 15 Start 65 pt

LPA Number

Site Name Blossinski - 4 Site

Date of Sample

	iption Phase Units 3x ACH AS AS	Da 12/ 0.010 0.50 1.00 4.10 0.	1985 L. Ay LOWIN D.SV 1.00 4.10 0.10	00000 HILL AND 10.50 10.50 10.10 10.10 10.10 10.10	2	1845 H.W. As Lote WOIV W.SV 100 / 4.10 W.10	26/350 PETERSON HILL AW /4/1 O.010 O.50 W.10 W.10 W.10 .	1 Au /2/1/ 10:01 U.S. U. 1.0	As Ayll, DON Disu WIN	Ag Juga 0.050 2.70 1.50	Au poll	RIG		
<u> </u>			4			3	\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.	~	¥	:	4			
	Sample Description and Location	WATS HIW,	CEITS CAMPREUL # 15	CEITY R. HOROU HILL	CCASS M. CAIRNS HIM,	CASES HILLY	PETERSON +	2931 GWBHAY	17.4 17.4	CH 33 HALDY H.L.	Const Braux			
	Sample	CENT	E178	E179	500	14 m	25.03	[293]	00.132	[C-433	Cun 34	30 :	319	4

thatt: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

O Deriotes results of questionable qualitative significance based upon quality assurance review of data.

SAMPLE DA... SUMMARY FARGET COMPOUNDS

F3-8604-05-A

DD Number PA Number

TARGET COMPOUNDS

Organic | Inorganic

Site Name Blosonski LandFill

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Compounds Detected

PRIC Remarks ತ) Shortingue Trens Eli-Dust 10.0 UTO ULO 0.50 UTO 2/20 DA C10 045TEAD HIM AY JOHN 0.50 1100 4.10 0.10 McCURKUE HILL AS / 1/2 | DOIN 0.50 | D.20 | 0.70 | 0.10 CC-110 WASNER HIW. AQ /2/C DUINO, SU 1.00 4.10 00.10 FRESTAND H.G. | N. J. 1/2 | 0.010 | 0.50 | 0.20 | 0.70 | 0.10 19.10 O.L. 01.0 01.0 01.0 01.0 01.0 Ax Juge | 0,010 | 0.50 | 1,000 | 4.10 | 0,10 D.8 181 D.W 7.4 D.10 granot. 1.50 9.70 342548 A CHURUS CHOLE I.S. Ulay Con De Contra De Cont 571 0.12 F.O 35 D'S 5 0 0 0 12/1/2 2-147 HUCKEL H.W. A. ML The Male COUST CANOLLHIU, AZ JUSTC 1946 SERVICE COUNTY AN 1916 12/1 Units Phase A CONCE WRIGHT HULL A TELL PRATT +C Sample Description PRITS H.U. **いいいませい** CAWT PRITCHARD and Location KEESE 13 ((3/01 32973 2012 Number eldun,

ESE RICEY #13. | A. Lon | Q. DON | Q. SU | 10 | 0.10 |

CC914 KIBLER HU. A. MIL DOINGSO D.20 0.70 0.10

ENTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

	ORU	MILO DATA	INTIDATION SOM	min page	ORIGINAL
Date Review Complete	d 911	0/86			OMMON AL
Case No. 6348	SAS NO.		Contract Lab	Compo Chen	1
Site Name Blosens	L .		Contract No.	68-01	7263
Sample Nos. CC901 to	((934	7	Lab DPO To	Ronnett	··········
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CONCENT	TRATION				
		MATRIX R	ELATED COMMENTS	•	
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aqueous 38					
other				المدينا المصواطع والمتحيل كالمدين	
					
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Matrix Spikes					····
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data completeness			<u> </u>		
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^{*}DOCUMENTATION ATTACHED (see following pages)

ORIGINAL

Laboratory Name: CompuChem Lab Sample ID No: 97240 Sample matrix: liquid Data Release

Authorized By:

Organics Analysis Data Sheet

(Page 1)

Case:

6348

QC Report No: Contract No: 68-01-7263

Date Sample

Received:

08-26-86 ·

(Red)

Volatile Compounds Concentration: Date extracted/prepared: 08-21-86 Date analyzed: 08-21-86 Conc/Dil Factor: 1.00

DH: N/A

Percent acisture (not decanted): N/A

CAS	. :			CAS			
Number		ug/	1	Number		ug/Ì	
74-87-3	Chloromethane	10.	U	10061-02-6	trans-1,3-Dichloropropeně	5.0	U
74-83-9	Bromomethane	10.	U	79-01-6	Trichloroethene	5.0	Ü
75-01-4	Vinyl Chloride	10.	Ü	124-48-1	Dibromochloromethane	5.0	U
75-00-3	Chloroethane	10.	ij	79-00-5	1,1,2-Trichloromethane	5.0	Ü
75-09-2	Methylene Chloride	5.0	IJ	71-43-2	Benzene	5.0	IJ
67-64-1	Acetone	10.	IJ	10061-01-5	cis-1,3-Dichloropropene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	U
75-35-4	1,1-Dichloroethene	5.0	Ü	75-25-2	Brosofors	5.0	Ü
75-34-3	1,1-Dichloroethane	5.0	IJ	108-10-1	4-Hethyl-2-pentanone	10.	IJ
-156-60-5	trans-1,2-Dichloroethene	5.0	IJ	591=78-6	2-Hexanone	10.	U
67-66-3	Chlorofors	5.0	Ü	127-18-4	Tetrachloroethene	5.0	IJ
-06-2	1,2-Dichloroethane	5.0	ij.	79-34-5	1,1,2,2-Tetrachloroethane	5.0	IJ
3-3	2-Butanone	10.	Ü	108-88-3	Toluene	5.0	Ü
755-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
56-23-5	Carbon Tetrachloride	5.0	IJ	100-41-4	Ethyl Benzene	5.0	U
108-05-4	Vinyl Acetate	10.	U	100-42-5	Styrene	5.0	U
75-27-4	Bromodichloromethane	- 5.0	· U	2	Total Kylenes	5.0	IJ
76-87-5	1,2-Dichloropropane	5.0	- 0		•		,

BATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results ar encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the 🥜 detection limit then report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum at ainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass rectral data indicated the presence of a compound that ets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 103). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 3J.
- This flag applies to pesticide parameters where the identification has been confirmed by 6C/MS. Single -component pesticides >/= 10ng/ul in the final extract should be confirmed by SC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Story Name: CompuChem Lab Sample ID No: 97626 Sample matrix: liquid Data Release Authorized By: 3PM

Organics Analysis Data Sheet (Page 1)

Case: QC Report No:

ORIGINAL £348 (Red)

Contract No:

68-01-7263

Date Sample

Received:

Volatile Compounds Concentration: Date extracted/prepared: 08-24-86 Date analyzed: 08-24-86

Conc/Dil Factor: 1.00 DH: N/A

Percent moisture (not decanted): N/A

	г	ercent moratore n	not	decquison: w	/ n		
CAS				CAS			
Number	•	ug/	ì	Number		ug/l	
74-87-3	Chloromethane	10.	ij	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	10.	U	79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl Chloride	10.	IJ	124-48-1	Dibromochloromethane :	5.0	IJ
75-0 0-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	U
75-09-2	Methylene Chloride	5.0	U	71-43-2	Benzene	5.0	
67-64-1	Acetone	10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
75-15-0	Carbon Disulfide	5.0	Ü	110-75-8	2-Chloroethyl Vinyl Ether	10.	U
75-35-4	1,1-Dichloroethene	5.0	U	75-25-2	Brosofora	5.0	IJ
75-34-3	1,1-Dichloroethane	5.0	IJ	108-10-1	4-Methyl-2-pentanone	10.	U
156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	IJ
67-66-3	Chloroform	5.0	IJ	127-18-4	Tetrachloroethene	5.0	IJ
107-06-2	1,2-Dichloroethane	5.0	ij	79-34-5	1,1,2,2-Tetrachloroethane	5.0	IJ
78-93-3	2-Butanone	10.	IJ	108-88-3	Toluene	5.0	U
55-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	IJ
56-23-5	Carbon Tetrachloride	5.0	U	100-41-4	Ethyl Benzene	5.0	U
108-05-4	Vinyl Acetate	. 10.	Ü	100-42-5	Styrene	5.0	U
75-27-4	Bromodichloromethane	5.0	IJ		Total Xylenes	5.0	U
78-87- 5	1,2-Dichloropropane	5.0	U	•			-

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag aust be explicit.

DATA REPORTING QUALIFIERS

Value If the result is a value greater than or equal to the detection limit then report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detecter. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

(e.g. 10J). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 3J.

- This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single Tomponent pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

ORIGINAL

Laboratory Name: CompuChem Lab Sample ID No: 97627

liquid

Sample matrix: Data Release

Organics Analysis Data Sheet

(Page 1)

Case: 6348

Date Sample

Volatile Compounds Received:

Concentration: low
Date extracted/prepared: 08-24-86

Date analyzed: 08-24-86 Conc/Dil Factor: 1.00

Percent moisture (not decanted): N/A

pH: N/A

CAS CAS Number uq/l Number ug/l 74-87-3 Chlur omethane U 10061-02-6 trans-1.3-Dichloropropene 10. 5.0 U 74-83-9 Brososethane 79-01-6 10. Trichloroethene 5.0 8 75-01-4 Vinyl Chloride 124-48-1 10. U Dibromochloromethane 5.0 U 75-00-3 Chloroethane 10. 79-00-5 1.1.2-Trichlorgethane 5.0 U 75-09-2 Mathylane Chloride 5.0 U 71-43-2 5.0 U Benzene 67-64-1 Acetone U 10061-01-5 10. cis-1,3-Dichloropropene 5.0 U 75-15-0 Carbon Disulfide 5.0 U 110-75-8 2-Chloroethyl Vinyl Ether 10. 75-35-4 1.1-Dichloroethene 5.0 U 75-25-2 Bromoform 5.0 U 5.0 U 4-Methyl-2-pentanone 75-34-3 1.1-Dichloroethane 108-10-1 10. 156-60-5 trans-1.2-Dichloroethene 5:0 U 591-78-6 2-Hexanone 10. U 5.0 U 67-66-3 Chloroform 127-18-4 Tetrachloroethene 5.0 U 7-06-2 1.2-Dichloroethane 5.0 U 79-34-5 1.1.2.2-Tetrachloroethane 5.0 U J-93-3 10. U 2-Butanone 108-88-3 Toluene 5.0 4 71-55-6 1.1.1-Trichloroethane 5.0 U 108-90-7 Chlorobenzene 5.0 U 56-23-5 Carbon Tetrachloride 5.0 1 100-41-4 Ethyl Benzene 5.0 U 108-05-4 Vinvl Acetate 10. U 100-42-5 Styrene 5.0 U 75-27-4 Browodichloromethane Total Xylenes 5.0 U . 78-87-5 1,2-Dichloropropane 5.0 U

DATA REPORTING QUALIFIERS

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Value If the result is a value greater than or equal to the detection limit then report the value.

- U Indicates compound was analyzed for but not detected.
 Report the minimum detection limit for the sample with
 the U (e.g. 10U) based on necessary concentration/
 dilution actions. (This is not necessarily the instrument
 detection limit.) The footnote should read: U-Compound
 was analyzed for but not detected. The number is the
 minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 3J.
- C This flag applies to pesticide parameters where the "identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- B. This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

CE178 J. Comike

Laboratory Name: CompuChem Lab Sample ID No: 97628 Sample matrix: liquid Data Release

Authorized By:

Organics Analysis Data Sheet (Page 1)

Case: QC Report No: Contract No:

6348 68-01-7263

ORIGINAL (Red)

Date Sample

Received:

08-22-86

Volatile Compounds Concentration: low Date extracted/prepared: 08-24-86 Date analyzed: 08-24-86 Conc/Dil Factor: 1.00

pH: N/A

	ŗe	rcent moisture \!	זסנ	oecanteo: w	/A	-	
CAS				CAS			
Number	•	ug/l		Number	_	ug/I	
74-87-3	Chloromethane	10.	IJ	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	10.	U	79-01-6	Trichloroethene	5.0	ប
75-01-4	Vinyl Chloride	10.	IJ	124-48-1	Dibromochloromethane	5.0	U
75-00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	ប
75-09-2	Methylene Chloride	5.0	Ü	71-43-2	Benzene	5.0	IJ
67-64-1	Acetone	10.	Ü	10061-01-5	cis-1,3-Dichloropropene	5.0	U
75-15-0	Carbon Disulfide	5.0	IJ	110-75-8	2-Chloroethyl Vinyl Ether	10.	IJ
75-35-4	1,1-Dichloroethene	5.0	Ü	75-25-2	Bromoform	5.0	Ü
. 75-34-3	1.1-Dichloroethane	5.0	IJ	108-10-1	4-Nethyl-2-pentanone	10.	ប
156-60-5	trans-1,2-Dichloroethene	5.0	Ü	5 9 1-78-6	2-Hexanone	10.	U
67-66-3	Chlorofora	5.0	U	127-18-4	Tetrachloroethene	5.0	IJ
7-06-2	1,2-Bichloroethane	5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
93-3	2-Butanone	10.	IJ	108-88-3	Toluene	5.0	Ü
11-55-6	1,1,1-Trichloroethane	5.0	IJ	1 08- 90-7	Chlorobenzene	5.0	IJ
56-23-5	Carbon Tetrachloride	5.0	U	100-41-4	Ethyl Benzene	5.0	Ü
108-05-4	Vinyl Acetate	10.	U	100-42-5	Styrene	5.0	U
75-27-4	Browodichlorom ethane	5.0	IJ		Total Xylenes	5.0	U
74-87-5	1,2-Dichloropropane	5.0	Ü				

DATA REPORTING QUALIFIERS

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- Indicates an estimated value. This flam is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that eets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Sug is calculated, then report as 3J.
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- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

Laboratory Name:	CompuChem
Lab Sample ID No:	•
Sample matrix:	liquid
Data Release	•
Authorized By:	<u> 797</u>
•	
•	
i	•

Organics	Analysi	5	Data	Sheet

(Page 1)	Case:	6348
-	QC Report No:	
	Contract No:	
	Date Sample	

ORIGINAL (Red)

Received: 08-22-86 Volatile Compounds

Concentration: Date extracted/prepared: 08-24-86 Date analyzed: 08-24-86 Conc/Dil Factor: 1.00

pH: N/A

		Percent moistu	re (n	ot	decanted): N.	/A		
CAS					Cas		·	
Number			ug/l		Number	-	ug/l	
74-87-3	Chloromethane .		10.	IJ	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-8 3-9	Bromomethane		10.	Ü	79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl Chloride		10.	U	124-48-1	Dibromochloromethane	5.0	U
75- 00-3	Chloroethane		10.	ij	79-00-5	1,1,2-Trichloroethane	5.0	U
75-09-2	Methylene Chloride		5.0	Ü	71-43-2	Benzene	5.0	U
67-64-1	Acetone		10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
75-15-0	Carbon Disulfide		5.0	IJ	110-75-8	2-Chloroethyl Vinyl Ether	10.	IJ
75-35-4	1,1-Dichloroethene		5.0	IJ	75-25-2	Brosofors	5.0	Ü
75-34-3	1,1-Dichloroethane		5.0	IJ	108-10-1	4-Methyl-2-pentanone	10.	IJ
156-60-5	trans-1,2-Dichloroethene		5.0	IJ	591-78-6	2-Hexanone	10.	U
67-66-3	Chlorofora		5.0	IJ	127-18-4	Tetrachloroethene	5.0	U
17-06-2	1,2-Dichloroethane		5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
8-93-3	2-Butanone		10.	U	108-88-3	Toluene	5.0	U
71-55-6	1,1,1-Trichloroethane		5.0	U	108-90-7	Chlorobenzene	- 5.0	U
56-23-5	Carbon Tetrachloride	:	5.0	Ü	100-41-4	Ethyl Benzene	5.0	IJ
108-05-4	Vinyl Acetate		10.	Ü	100-42-5	Styrene	5.0	U
75-27-4	Bromodichloromethane		5.0.	"IJ.		Total Xylenes	5.0	U
78-87-5	-1,2-Dichloropropane 😅		5.0	Ü		•		

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 100) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 103). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 3J.
- This flag applies to pesticide parameters where the midentification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by BC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank gontamination and warns the data user to take appropriate action.

Organics Analysis Data Sheet (Page 1)

Case: QC Report No: _

634B

ORIGINAL

Contract No: Date Sample

Volatile Compounds

Received:

08-22-86

68-01-7263

Concentration: low
Date extracted/prepared: 08-24-86
Date analyzed: 08-24-86

Date analyzed: Conc/Dil Factor:

pH: N/A

Percent moisture (not decanted): N/A

1.00

	r	ercent a o	isture (f	10t	oecanteo): W	/A			
CAS					CAS				
Nusber			ug/1	l	Number	_	. ug/1		
74-87-3	Chloromethane		10.	IJ	10061-02-6	trans-1,3-Dichloropropene	5.0	U	
74-83-9	Bromomethane		10.	U	79-01-6	Trichloroethene	5.0	Ü	
75-01-4	Vinyl Chloride		10.	U_	124-48-1	Dibromochloromethane	5.0	U	
75-00-3	Chloroethane		10.	U	79-0 0-5	1,1,2-Trichloroethane	5.0	IJ	
75-09-2	Methylene Chloride		5.0	U	71-43-2	Benzene	5.0	U	
67-64-1	Acetone		10.	Ü	10061-01-5	cis-1,3-Dichloropropene	5.0	IJ	
75-15-0	Carbon Disulfide		5.0	IJ	110-75-B	2-Chloroethyl Vinyl Ether	10.	U	
75-35-4	1,1-Dichloroethene		5.0	IJ	75-2 5-2	Bromoform	5.0	Ü	
75-34-3	1,1-Dichloroethane		5.0	IJ	108-10-1	4-Methyl-2-pentanone	10.	Ü	
156-60-5	trans-1,2-Dichloroethene		5.0	ij	5 91 -78-6	2-Hexanone	10.	IJ	
67-66-3	Chloroform	*	5.0	U	127-18-4	Tetrachloroethene	5.0	U	
47-06-2	1,2-Dichloroethane		5.0	Ü	79-34-5	1,1,2,2-Tetrachloroethane	5.0	Ü	
-93-3	2-Butanone .		10.	U	108-88-3	Toluene	5.0	U	
/1-55-6	1,1,1-Trichloroethane		5.0	U	108-90-7	Chlorobenz e ne	5.0	IJ	
56-23-5	Carbon Tetrachloride		5.0	IJ	100-41-4	Ethyl Benzene	5.0	Ü	
108-05-4	Vinyl Acetate	•	10.	ij	100-42-5	Styrene	5.0	IJ	
75-27-4	Bromodichloromethane		5.0	U		Total Xylenes	5.0	IJ	
78-87-5	1,2-Dichloropropane		5.0	ij	 				

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

Laboratory Name: CompuChem

liquid

Lab Sample ID No: 97630

Sample matrix:

Authorized By:

Data Release

- U Indicates compound was analyzed for but not detected.
 Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that weets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 103). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 33.
- C This flag applies to pesticide parameters where the adentification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

Laboratory Name: CompuChem Lab Sample ID No: 97631

Sample matrix:

Data Release

Authorized By: ___

liquid

Organics Analysis Data Sheet

(Page 1)

Case: 6348

QC Report No: Contract No: 68-01-7263

Date Sample

Received:

08-22-86

Volatile Compounds Concentration: Date extracted/prepared: 08-24-86

Date analyzed: Conc/Dil Factor:

08-24-86 1.00

pH: N/A

	Pe	rcent moisture (not	decanted): N	I/A		
CAS				CAS	•	•	
Number		ug/	1	Number		ug/l	
74-87-3	Chloromethane	10.	U	10061-02-6	trans-1,3-Dichloropropene	5.0	IJ
74-83-9	Bronomethane	10.	U	79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl Chloride	10.	IJ	124-48-1	Dibromochloromethane	5.0	U
75- 00-3	Chloroethane	10.	Ü	79-00-5	1,1,2-Trichloroethane	5.0	
75-09-2	Methylene Chloride	5.0	U	71-43-2	Benzene	5.0	
67-64-1	Acetone	/10.	IJ	10061-01-5	cis-1,3-Dichloropropene	5.0	U
75-15-0	Carbon Disulfide	/ 5.0	U	110-75-B	2-Chloroethyl Vinyl Ether	10.	U
75-35-4	1,1-Dichloroethene	5.0	U	75-25-2	Bronoform	5.0	IJ
75-34-3	1,1-Dichloroethane	5.0	U	108-10-1	4-Methyl-2-pentanone	10.	U
156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	U
67-66-3	Chlorofors	5.0	U	127-18-4	Tetrachloroethene	5.0	U
7-06-2	1,2-Dichloroethane	5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
à-93-3	2-Butanone	10.	U	108-88-3	Toluene	5.0	IJ
71-55-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
56-23-5	Carbon Tetrachloride	5.0	IJ	100-41-4	Ethyl Benzene	5.0	ប
108-05-4	Vinyl Acetate	10.	U	100-42-5	Styrene	- 5.0	Ü
75-27-4	Bromodichloromethane	5.0	U.		Total Xylenes	5.0	U
76-67-5	1,2-Dichloropropane	5.0	U		·		
-	• •	BATA DEDOD	TTME	CHAL TETERA	-		

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag aust be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 100) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Jug is calculated, them report as 3J.,
- This flag applies to pesticide parameters where the identification has been confirmed by 6C/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by 6C/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

ORIGINAL (Red)

Organics Analysis Data Sheet

(Page 1)

Case: 6348 QC Report No:

Contract No: 68-01-7263

Bate Sample

Volatile Compounds

Received:

08-22-86

Concentration: 1 nu

Date extracted/prepared: 08-24-86 Date analyzed:

08-24-86

pH: N/A

Conc/Dil Factor:

1.00

Percent moisture (not decanted): N/A

	1615	int motordie //	UL	derdiffen. W	(n		
CAS				CAS		• .	
Number		ug/I		Number		· ug/1	
74-87-3	Chloromethane .	10.	IJ	10061-02-6	trans-1,3-Dichloropropene	5.0	Ù
74-83-9	Brozosethane	10.	IJ	79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0	Ü
75-0 0-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	IJ
75-09- 2	Hethylene Chloride	5.0	U	71-43-2	Benzene	5.0	IJ
67-64-1	Acetone	· 10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
75-15-0	Carbon Disulfide	5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	Ü
75-35-4	1,1-Dichloroethene	5.0	U	75-2 5-2	Brosofors	5.0	Ü
75-34-3	1,1-Dichloroethane	5.0	IJ	108-10-1	4-Hethyl-2-pentanone	10.	ij
156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	Ü
67-66-3	Chloroform	5.0	U	127-18-4	Tetrachloroethene	5.0	IJ
7-06-2	1,2-Dichloroethane	5.0	Ü	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
,-93-3	2-Butanone	10.	IJ	108-88-3	Toluene	5.0	ij
71-55-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
56-23-5	Carbon Tetrachloride	5.0	U	100-41-4	Ethyl Benzene	5.0	IJ
108-05-4	Vinyl Acetate	10.	U	100-42-5	Styrene	5.0	U
75-27-4	Bromodichloromethane	5.0	IJ		Total Xylenes	5.0	U
<u>7</u> 8-87-5	-1,2-Dichloropropane	5.0	IJ		· •		

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

Laboratory Name: CompuChem

liquid

Lab Sample ID No: 97634

Sample matrix:

Authorized By:

Data Release

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 16U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 103). If limit of detection is 10ug and a concentration of Sug is calculated, then report as SJ.
- C. This flag applies to pesticide parameters where the identification has been confirmed by 6C/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by SC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank gentamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

Laboratory Name: CompuChes Lab Sample ID No: 97635 Sample matrix: liquid Data Release

Authorized By:

(Page 1)

Case: 6348 QC Report No:

ORIGINAL (Red)

Contract No: 68-01-7263

Bate Sample

Received:

pH: N/A

0B-22-85

Volatile Compounds Concentration: Date extracted/prepared: 08-24-86 Date analyzed: 08-24-86 Conc/Dil Factor: 1.00

Organics Analysis Data Sheet

Percent moisture (not decanted): N/A

 	 -	
		Cas

Cas					CAS			
Nusber			ug/	ì	Nueber	_	· ug/1	•
74-87-3	Chloromethane		10.	Ü	10061-02-6	trans-1,3-Dichloropropene	5.0	
74-83-9	Brosomethane	•	10.	U	79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl Chloride		10.	U	124-48-1	Dibrosochloromethane	5.0	
75-00-3	Chloroethane		10.	IJ	79-00-5	1,1,2-Trichloroethane	5.0	
75-09-2	Methylene Chloride		5.0	Ü	71-43-2	Benzene	5.0	Ü
67-64-1	Acetone		10.	IJ	10061-01-5	cis-1,3-Dichloropropene	5.0	ប
75-15-0	Carbon Disulfide		5.0	IJ	110-75-8	2-Chloroethyl Vinyl Ether	10.	IJ
75-35-4	1,1-Dichloroethene		5.0	Ü	75-25-2	Brosofors	5.0	IJ
75-34-3	1,1-Dichloroethane		5.0	U	108-10-1	4-Methyl-2-pentanone	10.	U
156-60-5	trans-1,2-Dichloroethene		5.0	Ü	5 9 1-78-6	2-Hexanone	10.	IJ
67-66-3	Chlorofora		5.0	U	127-18-4	Tetrachloroethene	5.0	U
^7-06-2	1,2-Dichloroethane		5.0	Ü	79-34-5	1,1,2,2-Tetrachioroethane	5.0	U
-93-3	2-Butanone		10.	IJ	108-88-3	Toluene	5.0	U
11-55-6	1,1,1-Trichloroethane		5.0	Ü	108-90-7	Chlorobenzene	5.0	U
56-23-5	Carbon Tetrachloride		5.0	Ü	100-41-4	Ethyl Benzene	5.0	IJ
108-05-4	Vinyl Acetate		10.	IJ	100-42-5	Styrene	5.0	U
75-27-4	Bromodichloromethane	· •::	5.0	IJ		Total Xylenes	5.0	IJ
78-87-5	1,2-Dichloropropane		5.0					

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag aust be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that weets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 3J.
- This flag applies to pesticide parameters where the Adentification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Laboratory Name: CompuChem Lab Sample ID No: 97636 Sample matrix: liquid Data Release

Authorized By:

Organics Analysis Data Sheet (Page 1)

Case: 6348

9C Report No: ______

Contract No: 68-01

348 ORIGINAL (Red)

Date Sample

o: 68-01-7263

08-22-86

Volatile Compounds

Concentration: low

Date extracted/prepared: 08-24-86

Date analyzed: 08-24-86
Conc/Dil Factor: 1.00

pH: N/A

Received:

Percent moisture (not decanted): N/A

		Percent moisture (not	decanted): N	/A			
CAS				CAS				
Number		ug/	1	Nusber	-	ug/l	٠	
74-87-3	Chloromethane	10.	U	10061-02-6	trans-1,3-Dichloropropena	5.0	U	
74-83-9	Brosomethane	10.	U	79-01-6	Trichloroethene	5.0	Ü	
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0	U	
75-00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	Ü	
75-09-2	Methylene Chloride	5.0	U	71-43-2	Benzene .	5.0	IJ	
67-64-1	Acetone	10.	Ü	10061-01-5	cis-1,3-Dichloropropene	5.0	U	
75-15-0	Carbon Disulfide	5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	U	
75-35-4	1,1-Dichloroethene	5.0	IJ	75-25-2	Bromoform	5.0	U	
75-34-3	1,1-Dichloroethane	·· 5.0	U	108-10-1	4-Methyl-2-pentanone	10.	U	
156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	IJ	
67-66-3	Chloroform	5.0	U	127-18-4	Tetrachloroethene	5.0	Ü	
7-06-2	1,2-Bichloroethane	5.0	IJ	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	
J-93-3	2-Butanone	10.	U	108-88-3	Taluene	5.0	U	
71-55-6	1,1,1-Trichloroethane	" · 5.0	U	108-90-7	Chlorobenzene	5.0	U	
56-23-5	Carbon Tetrachloride	: 5.0	U	100-41-4	Ethyl Benzene	5.0	U	
108-05-4	Vinyl Acetate	10.	U	100-42-5	Styrene	5.0	ij	
75-27-4	Bromodichloromethane	5.0	U		Total Xylenes	5.0		
78-87-5	1,2-Dichloropropane	5.0			•			

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

DATA REPORTING QUALIFIERS

Value If the result is a value greater than or equal to the detection limit then report the value.

- U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 3J.
- C This flag applies to pesticide parameters where the sidentification has been confirmed by BC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by BC/MS.
- B This flag is used when the analy'e is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes, may be required to properly define the results. If msed, they must be fully described and such description attached to the data summary report.

ORIGINAL

(Red)

Laboratory Name: CompuChem Lab Sample ID No: 97637

Sample matrix: liquid

.Data Release

Authorized By: **3PM** Organics Analysis Data Sheet

(Page 1)

Case: QC Report No:

6348

Contract No: 68-01-7263

Date Sample

Received:

08-22-86

Volatile Compounds

Concentration: low Date extracted/prepared: 08-25-86

Date analyzed:

08-25-86

Conc/Dil Factor:

1.00

pH: N/A

Descent existure (ant descented).

	rero	ent s olsture li	70£	pecanteo): n	/8	•	
CAS				CAS			
Number		ug/I	l	Munber	-	ug/l	
74-87-3	Chloromethane	10.	IJ	10061-02-6	trans-1,3-Dienloropropene	5.0	U
74-83-9	Bronomethane	10.	U	79-01-6	Trichloroethene	5.0	IJ
75-01-4	Vinyl Chloride	10.	IJ	124-48-1	Dibrosochloromethane	5.0	Ü
75-00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	U
75-09-2	Methylene Chloride	6.2		71-43-2	Benzene	5.0	
67-64-1	Acetone	4.8	J	10061-01-5	cis-1,3-Dichloropropene	5.0	U
75-15-0	Carbon Disulfide	5.0	IJ	110-75-8	2-Chloroethyl Vinyl Ether	10.	IJ
75-35-4	1,1-Dichloroethene	5.0	U	75-25-2	Bromoform	5.0	U
75-34-3	1,1-Dichloroethane	5.0	IJ	108-10-1	4-Methyl-2-pentanone	10.	IJ
156-60-5	trans-1,2-Dichloroethene	5.0	Ü	591-78-6	2-Hexanone	10.	U
67-66-3	Chloroform	5.0	· U	127-18-4	Tetrachloroethene	5.0	Ü
17-06-2	1,2-Dichloroethane	5.0	ប	79-34-5	1,1,2,2-Tetrachloroethane	5.0	ีย
d-93-3	2-Butanone	10.	U	108-88-3	Toluene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	ប
56-23-5	Carbon Tetrachloride	5.0	Ü	100-41-4	Ethyl Benzene	5.0	U
108-05-4	Vinyl Acetate	10.	U	100-42-5	Styrene	5.0	U
75-27-4	Bromodichloromethane	5.0	IJ		Total Xylenes	5.0	บ
_78-87 - 5	-1,2-Dichloropropane	5.0	U		<u>.</u>		

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the mample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Sug is calculated, then report as 3J.
- This flag applies to pesticide parameters where the midentification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by 6C/MS.
- This flag is used whra the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

ORIGINAL

(Red)

Laboratory Name: CompuChem Lab Sample ID No: 97638 Sample matrix: liquid · Data Release

Authorized By:

Organics Analysis Data Sheet

(Page 1)

Case: 6348 QC Report No:

Contract No: 48-01-7263

Date Sample Received:

Concentration: low Date extracted/prepared: 08-25-86 08-25-86 Date analyzed:

Volatile Compounds

Conc/Dil Factor: 1.00

pH: N/A

	· Pe	rcent moisture (r	not	decanted): N	/A			
Cas	•			CAS				
Number	,	ug/1	l	Number	-	ug/1		
74-87-3	Chloromethane	10.	Ü	10061-02-6	trans-1,3-Dichloropropene	5.0	U	
74-83-9	Bromomethane	10.	U	79-01-6	Trichloroethene	5.0	Ü	
75-01-4	Vinyl Chloride	10.	Ü	124-48-1	Dibromochloromethane	5.0	U	
75-0 0-3	Chloroethane	10.	IJ	79-00-5	1,1,2-Trichloroethane	5.0	U	
75-09-2	Methylene Chloride	6.3		71-43-2	Benzene	5.0	IJ	
67-64-1	Acetone	13.		10061-01-5	cis-1,3-Dichloropropene	5.0	U	
75-15-0	Carbon Disulfide	5.0	IJ	110-75-8	2-Chloroethyl Vinyl Ether	10.	IJ	
75-35-4	1,1-Bichloroethene	5.0	U	75-25-2	Bromoform	5.0	U	
75-34-3	1,1-Dichloroethane	5.0	บ์	108-10-1	4-Methyl-2-pentanone	10.	U	
156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	U	
67-66-3	Chloroform	5.0	IJ	127-18-4	Tetrachloroethene	5.0	U	
7-06-2	1,2-Dichloroethane	5.0	IJ	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	
-93-3	2-Butanone	10.	IJ	108-88-3	Toluene	'5.0	U	
71-55-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U	
56-23-5	Carbon Tetrachloride	5.0	U	100-41-4	Ethyl Benzene	5.0	U	
108-05-4	Vinyl Acetate	_ 10	U	100-42-5	Styrene	5.0	U	
75-27-4	Bromodichloromethane -	5.0			Total Kylenes	5.0	IJ	
78-87-5	1,2-Dichloropropane	5.0	Ĭ					
	•	RATA DEDODT	TMC	BUAL TETEDE		•		

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each fing must be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that weets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 103). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 31.
- This flag applies to pesticide parameters where the Identification has been confirmed by 60/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- This flag 's used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to_ take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

Labt :y Name: CompuChem
Lab Sample ID No: 97527
Sample matrix: liquid
Data Release
Authorized By:

Organics Analysis Data Sheet

(Page 1)

Case: 6348 QC Report No:

Contract No: 68-01-7263

08-21-86

Date Sample

Received:

ORIGINAL (Red)

Volatile Compounds

Concentration: low
Date extracted/prepared: 08-22-86

Date analyzed:

08-22-86 1.00 n

Conc/Dil Factor: 1.00 pH: N/

Percent moisture (not decanted): N/A

	78	icent moisture i	Jan	pecanten: M	/ H		
CAS				CAS	•	•	
Number	•	t g/	1	Number	•	ug/]	
74-B7-3	Chloromethane	· 10.	U	10061-02-6	trans-1,3-Dichloropropene	- 5.0 ย	
74-83-9	Bromomethane	10.	U	79-01-6	Trichloroethene	5.0 8	
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0 U	
75-00-3	Chloroethane	10.	ß	79-0 0-5	1,1,2-Trichloroethane	5.0 U	
75-09-2	Methylene Chloride	5.0	IJ	71-43-2	Benzene	5.0 U	
67-64-1	Acetone	10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0 8	
75-15-0	Carbon Disulfide	5.0	U	110-75-B	2-Chloroethyl Vinyl Ether	10. U	
75-35-4	1,1-Dichloroethene	5.0	Ü	75-25-2	Brosofors	5.0 บ	•
75-34-3	1,1-Bichloroethane	5.0	U	108-10-1	4-Methyl-2-pentanone	10. U	
- 156-60-5	trans-1,2-Dichloroethene	5.0	IJ	591-78-6	2-Hexanone	10 6	
- 87-66-3	Chlorofors	5.0	U	127-18-4	Tetrachloroethene	5.0 U	
107-06-2	1,2-Dichloroethane	5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0 8	
93-3	2-Butanone	10.	Û	108-88-3	Toluene	5.0 U	
5-6	1,1,1-Trichloroethane	5.0	Ü	108-90-7	Chlorobenzene	5.0 U	
356-23 - 5	Carbon Tetrachloride	5.0	U	100-41-4	Ethyl Benzene	5.6 8	
108-05-4	Vinyl Acetate	10.	U	100-42-5	Styrene	5.0 U	
75-27-4	Bromodichloromethane	5.0	U		Total Xylenes	5.0 U	
78-87-5	1,2-Dichloropropane	- 5.0			,		

DATA REPORTING QUALIFIERS

or reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- alue If the result is a value greater than or equal to the detection limit then report the value.
 - U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
 - J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that ets the identification criteria but the result is less in the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 3J.
- C This flag applies to pesticide parameters where the identification has been confirmed by 6C/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by 6C/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.
- Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

ORIGINAL

(Red)

tory Name: CompuChem aple ID No: 97528 Sample matrix: liquid

Data Release Authorized By: Organics Analysis Data Sheet (Page 1)

Case: 6348 QC Report No:

Contract No: 68-01-7263

08-21-86

Date Sample

Volatile Compounds Received: Concentration: low

Date extracted/prepared: 08-22-86 Date analyzed: 08-22-86

Conc/Dil Factor: 1.00 pH: N/A

Percent moisture (not decanted): N/A

	rer	cent e olsture li	700	decauted): W	/R		
CAS				CAS	•		
Nuaber		; . ug/:	l	Number		ug/l	
74- 87-3	Chloromethane	- 10.	IJ	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Bromomethane	10.	IJ	79-01-6	Trichloroethene	5.0	
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0	IJ
75-00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	
75-09-2	Methylene Chloride	2.5	3	71-43-2	Benzene	5.0	
67-64-1	Acetone	5.6	J	10061-01-5	cis-1,3-Dichloropropene	5.0	
75-15-0	Carbon Disulfide	5.0	IJ	110-75-B	2-Chloroethyl Vinyl Ether	10.	Ü
75-35-4	1,1-Dichloroethene	5.0	U	75-25-2	Brosofors	5.0	
75-34-3	1,1-Dichloroethane	5.0	U	108-10-1	4-Methyl-2-pentanone	10.	Ü
156-60-5	trans-1,2-Dichloroethene	5.0	IJ	591-78-6	2-Hexanone	10.	IJ
-67-66-3	Chloroform	5.0	Ü	127-18-4	Tetrachloroethene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	Ü	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
78-93-3	2-Butanone	10.	IJ	108-88-3	Toluene	5.0	IJ
~55-6	1,1,1-Trichlorosthane	5.0	U	108-90-7	Chlorobenzene	5.0	U
23-5	Carbon Tetrachloride	5.0	U	100-41-4	Ethyl Benzene	5.0	Ü
108-05-4	Vinyl Acetate	10.	ij	100-42-5	Styrene	5.0	IJ
75-27-4	Browndichloromethane	5.0	U		Total Xylenes	5.0	IJ
78-87-5	1,2-Dichloropropane	_ 5.0	IJ		•	-	•
				-01141 727255			

- DATA REPORTING QUALIFIERS

or reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- alue If the result is a value greater than or equal to the detection limit then report the value.
 - U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
 - I Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less on the specified detection limit but greater than zero

- (e.g. 103). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 33.
- C This flag applies to pesticide parameters where the identification has been confirmed by 6C/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by 6C/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

tory Name: CompuChem ple ID No: 97529
Sample matrix: liquid

Data Release Authorized By: Organics Analysis Data Sheet (Page 1)

age 1) Case: QC Report No:

6348

08-21-86

Contract No: 68-01-7263 Date Sample ORIGINAL (Red)

Volatile Compounds

Concentration:

Date extracted/prepared: 08-22-86 Date analyzed: 08-22-86

Conc/Dil Factor: 1.00

pH: N/A

Received:

Percent moisture (not decanted): N/A

	reru	EUC MOTZCALE C	JUR	BECQUIEDL: M	/n		
Cas		•		Cas			
Number		ug/	1	Number		ug/l	
74-87-3	Chloromethane	10.	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74 - 83-9	Brososethane	10.	Ü	79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	. 5.0	IJ
75-00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	IJ
75-09-2	Methylene Chloride	. 5.0	ij	71-43-2	Benzene	5.0	U
67-64-1	Acetone	10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0	Ü
75-15-0	Carbon Disulfide	5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	U
75-35-4	1,1-Bichloroethene /	5.0	U	75-25-2	Broadfora	5.0	IJ
75-34-3	1,1-Dichloroethane	5.0	IJ	108-10-1	4-Methyl-2-pentanone	10.	IJ
156 -6 0-5	trans-1,2-Bichloroethene	5.0	U	591-78-6	2-Hexanone	10.	U
67-66-3	Chloroform	5.0	U	127-18-4	Tetrachloroethene	5.0	IJ
107-06-2	1,2-Bichloroethane	5.0	Ű	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
78-93-3	2-Butanone	10.	U	10B-BB-3	Toluene	5.0	IJ
-55-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
23-5	.Carbon Tetrachloride	5.0	IJ	100-41-4	Ethyl Benzene	5.0	U
ใ บ ช-05-4	Vinyl Acetate	10.	U	100-42-5	Styrene	5.0	Ü
75-27-4	Brosodichlorosethane	5.0	U		Total Xylenes	5.0	П
78-87-5	1,2-Dichloropropane	5.0		,		•	
		* BATA-BEDDD1	7245	BUAL TETERR	•		

- DATA REPORTING QUALIFIERS

or-reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

alue If the result is a value greater than or equal to the detection limit then report the value.

- Indicates compound was analyzed for but not detected.

 Report the minimum detection limit for the sample with the U (e.g. 100) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less can the specified detection limit but greater than zero

te.g. 193). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 3J.

- C This flag applies to pesticide parameters where the identification has been confirmed by BC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by BC/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

303211

ORIGIN

(Red)

aboratory Name: DomouChem ab Sample ID No: 97530 apole matrix:

ata Release

uthorized By:

liquid

Organics Analysis Data Sheet (Page 1)

Case: QC Report No:

6348

68-01-7263

Contract No: Bate Sample

Received:

08-21-86

Volatile Compounds

Concentration:

Date extracted/prepared: 08-22-86

Date analyzed: Conc/Dil Factor: 08-22-86 1.00

Dancart enicture took decorated).

		rercent moisture ()	100	decanted): N	/A	•	
CAS .				CAS	-	•	
Kumber		ug/3	l	Number		ug/l	
74-87-3	Chloromethane	10.	U	10061-02-6	trans-1,3-Dichloropropene	5.0	IJ
74-83-9	Bromomethane	10.	Ü	79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0	U
75-00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	IJ
75-09-2	Methylene Chloride.	5.0	IJ	71-43-2	Benzene	5.0	ប
67-64-1	Acetone	10.	IJ	10061-01-5	cis-1,3-Dichloropropene	5.0	
75-15-0	Carbon Disulfide	5.0	IJ	110-75-8	2-Chloroethyl Vinyl Ether	10.	IJ
75-35-4	1,1-Dichloroethene	5.0	ij	75-25-2	Brosofors	5.0	IJ
75-34-3	1,1-Dichloroethane	5.0	ij	108-10-1	4-Methyl-2-pentanone	10.	IJ
€0-5	trans-1,2-Dichloroethene	5.0	Ü	591-78-6	2-Hexanone	10.	U
-3	Chlorofors	5.0	IJ	127-18-4	Tetrachloroethene	5.0	U
101-06-2	1,2-Dichloroethane	- 5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U
78-93-3	2-Butanone	10.	Ü	108-88-3	Toluene	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U
56-23-5	Carbon Tetrachloride	- 5.0	IJ	100-41-4	Ethyl Benzene	5.0	ij
108-05-4	Vinyl_Acetate	10.	IJ	100-42-5	Styrene	5.0	Ü
75-27-4	Bromodichloromethane	5.0	Ü	•	Total Tylenes	5.0	_0
78-87-5	1,2-Dichloropropane	5.0	U		· · · · · · · · · · · · · · · · · · ·		·
	•	DATA REPORT	TNS	DIIAL TETERS	:	•	

reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- ue If the result is a value greater than or equal to the detection limit then report the value.
- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the ginious attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either rm estimating a concentration for tentatively identified ounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Sug is calculated, then report as 33.
- This flag applies to pesticide parameters where the identification has been confirmed by BC/MS. Single component pesticides >/= 10ng/ul in the fin.s extract should be confirmed by 6C/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

v Name: CompuChes Lab Sample ID No: 97536 Sample matrix: liquid Data Release authorized By:

Organics Analysis Data Sheet (Page 1)

Case: QC Report No:

6349

08-21-86 - -

Contract No: 68-01-7263 ORIGINAL (Red)

Date Sample Volatile Compounds Received:

low

Concentration: Date extracted/prepared: 08-23-86 Date analyzed:

Conc/Dil Factor:

08-23-86 1.00

pH: N/A

Percent sairture (set desented).

		ercent moisture (not	decanted): N	/A			
CAS	_	•		CAS				
Number		' ug/	3	Number		ug/1		
74-87-3	Chloromethane	10.	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U	
74-83-9	Brosomethane	10.	IJ	79-01-6	Trichloroethene	5.0		
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0		
75-00-3	Chloroethane	10.	U	79-0 0-5	1,1,2-Trichloroethane	5.0		
75-09-2	Methylene Chloride	5.0	U	71-43-2	Senzene	5.0		
67-64-1	Acetone	10.	U	10061-01-5	cis-1,3-Dichlaropropene	5.0		
75-15-0	Carbon Disulfide	5.0	ij	110-75-8	2-Chloroethyl Vinyl Ether	10.		
75-35-4	1,1-Dichloroethene	5.0	U	75-25-2	Bromoform	5.0		
75-34-3	1,1-Dichloroethane	5.0	U	108-10-1	4-Methyl-2-pentanone	10.	IJ	
-156-60-5	trans-1,2-Dichloroethene	5.0	IJ	591-78-6	2-Hexanone	10.	U	
67-66-3	Chlorofors	5.0	Ü	127-18-4	Tetrachlorgethene	5.0	IJ	
107-06-2	1,2-Dichloroethane	5.0	Ü	79-34-5	1,1,2,2-Tetrachloroethane	5.0		
72-03-3	2-Butanone	10.	U	.108-88-3	Toluene	5.0		
6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0		
56-20-5	Carbon Tetrachloride	5.0		100-41-4	Ethyl Benzene	5.0		
168-05-4	Vinyl Acetate	. 10.	ß	100-42-5	Styrene	5.0		
75-27-4	Bromodichloromethane	5.0	U		Total Xylenes	5.0		
78-8 7-5	1,2-Dichloropropane	5.0		د. د مدسوسی	•		-	
	-	DATA REPORT		QUALIFIERS		-		
	•							

reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- se If the result is a value greater than or equal to the detection limit then report the value.
 - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the mample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that

is the identification criteria but the result is less he specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10up and a concentration of Sug is calculated, then report as 33.
- This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

ary Name: CompuChem Lab Sample ID No: 97537 Sample matrix: liquid Data Release Authorized By:

Organics Analysis Data Sheet

(Page 1)

6348 Case:

QC Report No:

Contract No: 68-01-7263

ORIGINAL (Red)

Volatile Compounds

Date Sample Received:

08-21-84 _

Concentration: Date extracted/prepared: 08-23-86 Date analyzed: 08-23-86

Conc/Dil Factor: 1.00

pH: N/A

Percent moisture (not decanted): N/A

	, d. 55					4 • •			
CAS					CAS				
Number			[/gu	1	Number		ug/1		
74-87-3	Chlorosethane		10.	IJ	10061-02-6	trans-1,3-Dich!eropropene	5.0	IJ	
74-83-9	Bromomethane	•	10.	U	79-01-6	Trichloroethene	5.0	ß	
75-01-4	Vinyl Chloride		10.	· U	124-48-1	Dibromochloromethane	5.0	U	
75-00-3	Chloroethane		10.	Ü	79-00-5	1,1,2-Trichloroethane	5.0	U	
75-09-2	Methylene Chloride		5.0	IJ	71-43-2	Benzene	5.0	U	
67-64-1	Acetone .		10.	IJ	10061-01-5	cis-1,3-Dichloropropene	5.0	IJ	
75-15-0	Carbon Disulfide		5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	IJ	
75-35-4	1,1-Dichloroethene		5.0	Ü	75-25-2	Broanform	5.0	Ü	
75-34-3	1,1-Dichloroethane		5.0	IJ	108-10-1	4-Hethyl-2-pentanone	10.	U	
156-60-5	trans-1,2-Dichloroethene		5.0	Ü	591-78-6	2-Hex anone	10.	Ü	
67-66-3	Chloroform		5.0	IJ	127-18-4	Tetrachloroethene	5.0	U	
107-06-2	1,2-Dichloroethane		5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	
73-3	2-Butanone		10.	IJ	108-88-3	Toluene	5.0	U	
.i-6	1,1,1-Trichloroethane		5.0	IJ	108-90-7	Chlorobenzene	5.0	ម	
56-2 3-5	Carbon Tetrachloride		5.0	U	100-41-4	Ethyl Benzene	5.0	IJ	
108-05-4	Vinyl Acetate		10.	IJ	100-42-5	Styrene	5.0	U	
75-27-4	Bromodichloromethane	-	5.0	ال.		Total Xylenes	5.0	IJ	
78-87-5	1.2-Bichloropropage		= 5.0	-41-				-	

DATA REPORTING QUALIFIERS

or reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- alue If the result is a value greater than or equal to the detection limit then report the value.
 - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
 - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that ts the identification criteria but the result is less in the specified detection limit but greater than zero

- (e.g. 103). If limit of detection is 10ug and a concentration of Sug is calculated, then report as 33.
- This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ .probable blank contamination and warns the data user to take appropriate áction.
- Other Other specific flags and footnotes way be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

ry Name: CompuChem
Lab Sample ID No: 97539
Sample matrix: liquid
Data Release
Authorized By:

Organics Analysis Data Sheet (Page 1)

Received:

GRIGINAL (Red)

Yolatile Compounds

Concentration: low
Date extracted/prepared: 08-23-86

Bate analyzed: 08-23-86

Conc/Dil Factor: 1.00 pH: N/A

Percent moisture (not decanted): N/A

CAS				CAS	<i>!</i>			
Number	•	: · ug/	3	Number		ug/I		
74-87-3	Chloromethane	10.	Ü	10061-02-6	trans-1,3-Dichloropropene	5.0	IJ	
74-83-9	Bromomethane	10.	U	79-01-6	Trichloroethene	5.0	IJ	
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0	U	
75-00-3	Chloroethane	10.	IJ	79-00-5	1,1,2-Trichloroethane	5.0	Ü	
75-09-2	Methylene Chloride	5.0	U	71-43-2	Benzene	5.0	IJ	
67-64-1	Acetone	10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0		
75-15-0	Carbon Disulfide	5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	ij	
75-35-4	1,1-Dichloroethene	5.0	U	75-25-2	Brosofors		Ü	
75-34-3	1,1-Dichloroethane	5.0	U	108-10-1	4-Methyl-2-pentanone	10.	IJ	
156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	Ü	
67-66-3	Chlorofora	5.0	U	127-18-4	Tetrachloroethene	5.0	IJ	
107-06-2	1,2-Dichloroethane	5.0	ij	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	
37-3	2-Butanone	10.	U	.108-88-3	Toluene	5.0	U	
6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	ŧ	
56 -∠ა-5	Carbon Tetrachloride	5.0	Ü	100-41-4	Ethyl Benzene	5.0		
108-05-4	Vinyl Acetate	. 10.	Ü	100-42-5	Styrene	5.0	U	
75-27-4	Brosodichloromethane	5.0	U		Total Kylenes	5.0	IJ	
78- 87-5	1,2-Dichloropropane	5.0	IJ	e de la companya de l	•			
	_	DATA REPORT	ING	QUALIFIERS		- .		

reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

ie If the result is a value greater than or equal to the detection limit then report the value.

Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that

the identification criteria but the result is less he specified detection limit but greater than zero (e.g. 10J). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 3J.

- C This flag applies to pesticide parameters where the identification has been confirmed by BC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by BC/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Laboratory Name: CompuChem Lab Sample ID No: 97540 Sample matrix: liquid Data Release

Authorized By:

an

Organics Analysis Data Sheet
(Page 1)

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IGINA

Volatile Compounds Received:

Concentration: low
Date extracted/prepared: OB-23-86
Date analyzed: OB-23-86

Conc/Bil Factor:

08-23-85 1.00

pH: N/A

Percent moisture (not decanted): N/A

Number ug/l Number ug/l 74-87-3 Chloromethane 10. U 10061-02-6 trans-1,3-Dichloromethane 5.0 74-83-9 Bromomethane 10. U 79-01-6 Trichloromethane 5.0 75-01-4 Vinyl Chloride 10. U 124-48-1 Dibromochloromethane 5.0 75-00-3 Chloromethane 10. U 79-00-5 1,1,2-Trichloromethane 5.0 75-09-2 Methylene Chloride 5.0 U 71-43-2 Benzene 5.0	
74-87-3 Chloromethane 10. U 10061-02-6 trans-1,3-Dichloropropene 5.0 74-83-9 Bromomethane 10. U 79-01-6 Trichloroethene 5.0 75-01-4 Vinyl Chloride 10. U 124-48-1 Dibromochloromethane 5.0 75-00-3 Chloroethane 10. U 79-00-5 1,1,2-Trichloroethane 5.0 75-09-2 Methylene Chloride 5.0 U 71-43-2 Benzene Benzene 5.0	
75-01-4 Vinyl Chloride 10. U 124-48-1 Dibromochloromethane 5.0 75-00-3 Chloromethane 10. U 79-00-5 1,1,2-Trichloromethane 5.0 75-09-2 Methylene Chloride 5.0 U 71-43-2 Benzene 5.0	U
75-00-3 Chloroethane 10. U 79-00-5 1,1,2-Trichloroethane 5.0 75-09-2 Methylene Chloride 5.0 U 71-43-2 Benzene 5.0	U
75-09-2 Methylene Chloride 5.0 U 71-43-2 Benzene 5.0	IJ
	U
48 44 4 4 4	ប
67-64-1 Acetone 10. U 10061-01-5 cis-1,3-Dichloropropene 5.0	U
75-15-0 Carbon Disulfide 5.0 U 110-75-8 2-Chloroethyl Vinyl Ether 10.	IJ
75-35-4 1,1-Dichloroethene 5.0 U 75-25-2 Bromoform 5.0	Ü
75-34-3 1,1-Dichloroethane 5.0 U 108-10-1 4-Methyl-2-pentamone 10.	Ü
-156-60-5 trans-1,2-Dichloroethene 5.0 U 591-78-6 2-Hexanone 10.	Ü
67-66-3 Chloroform 5.0 U 127-18-4 Tetrachloroethene 5.0	U
7-06-2 1,2-Dichloroethane 5.0 U 79-34-5 1,1,2,2-Tetrachloroethane 5.0	ម
93-3 2-Butanone 10. U 108-88-3 Toluene 5.0	U
71-55-6 1,1,1-Trichloroethane 5.0 U 108-90-7 Chlorobenzene 5.0	U
56-23-5 Carbon Tetrachloride 5.0 U 100-41-4 Ethyl Benzene 5.0	IJ
108-05-4 Vinyl Acetate 10. U 100-42-5 Styrene 5.0	U
75-27-4 Browndichloromethane 5.0 U Total Mylenes 5.0	ij
78-87-5 1,2-Dichloropropane 5.0 U	

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit them report the value.

- U Indicates compound was analyzed for but not detected.

 Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that mets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Sug is calculated, then report as 3J.
- C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- F This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

ry Name: CompuChem Lab pemple ID No: 97541 Sample matrix: liquid Data Release

Authorized By:

Organics Analysis Data Sheet (Page 1)

Case: QC Report No: Contract No:

6348

ORIGINA!

Volatile Compounds

Concentration: low
Date extracted/prepared: 08-23-86

Date analyzed: 08-23-86
Conc/Dil Factor: 1.00

pH: N/A

Received:

Percent moisture (not decanted): M/A

		restent moisture si	101	decquient: w	/H		
CAS		:		CAS			
Number		(` ug/)	l	Nuaber		լ աց/1	
74-87-3	Chloromethane	10.	IJ	10061-02-6	trans-1,3-Dichloropropene	5.0	Ü
74-83-9	Bromomethane	10.	IJ	79-01-6	Trichloroethene	5.0	IJ
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0	U
75-00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	U
75-09-2	Methylene Chloride	5.0	IJ	71-43-2	Benzene	5.0	
67-64-1	Acetone	10.	IJ	10061-01-5	cis-1,3-Dichloropropene	5.0	
75-15-0	Carbon Disulfide	5.0	IJ	110-75-8	2-Chloroethyl Vinyl Ether	10.	U
75-35-4	1,1-Dichloroethene	5.0	U	75-25-2	Brosofora	5.0	U
75-34-3	1,1-Dichloroethane	5.0	IJ	108-10-1	4-Methyl-2-pentanone	10.	ម
156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	U
67-66-3	Chloroform	5.0	U	127-18-4	Tetrachloroethene	5.0	U
107-06-2	1,2-Dichloroethane	5.0	Ü	79-34-5	1,1,2,2-Tetrachloroethane	5.0	. ม
70-93-3	2-Butanone	10.	U	.108-88-3	Toluene	5.0	IJ
.6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	Ü
30 .0-5	Carbon Tetrachloride	5.0	U	100-41-4	Ethyl Benzene	5.0	U
108-05-4	Vinyl Acetate	. 10.	IJ	100-42-5	Styrene	5.0	ម
75-27-4	Bromodichloromethane	5.0	Ü	•	Total Xylenes	5.0	
7 8-87-5	1,2-Dichloropropane	5.0	<u>֚֚֚֚</u>				

reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag aust be explicit.

DATA REPORTING QUALIFIERS

ie If the result is a value greater than or equal to the detection limit them report the value.

Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that

the identification criteria but the result is less he specified detection limit but greater than zero (e.g. 10J). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 3J.

- C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

fory Name: CompuChes ple ID No: 97543 Sample matrix: liquid Data Release

Authorized By:

Organics Analysis Data Sheet (Page 1)

Case: 6348

QC Report No:

08-21-86

Contract No: 68-01-7263 Date Sample

(ad)

Received: Volatile Compounds

Concentration: Date extracted/prepared: 08-23-86 Date analyzed:

Conc/Dil Factor:

08-23-86

1.00

		Percent	s cist	ure (:	rot	decanted): N/	/A			
Cas						CAS				
Number	•		; .	ug/i	l	Number		ug/l		
74-87-3	Chloromethane		. 2	10.	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U	
74-83-9	Bronomethane	_		10.	U	79-01-6	Trichloroethene -	5.0	U	
75-01-4	Vinyl Chloride		\	10.	Ü	124-48-1	Dibromochloromethane	5.0	U	
75-0 0-3	Chloroethane	(0)	<i>)</i> `	10.	U	79-00-5 ·	1,1,2-Trichloroethane	5.0	IJ	
75-09-2	Methylene Chloride	P	10	-5.0	+	71-43-2	Benzene	5.0	IJ	
67-64-1	Acetone		•	10.	Ü	10061-01-5	cis-1,3-Dichloropropene	5.0	IJ	
75-15-0	Carbon Disulfide			5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	U	
75-35-4	1,1-Dichloroethene			5.0	U	75-25-2	Broanform	5.0	Ü	
75-34-3	1,1-Dichloroethane			5.0	IJ	10B-10-1	4-Methyl-2-pentanone	10.	บ	
156-60-5	trans-1,2-Dichloroethene			5.0	U	591-78-6	2-Hexanone	10.	U	
67-66-3	Chloroform			5.0	U	127-18-4	Tetrachloroethene	5.0	U	
107-06-2	1,2-Dichloroethane			5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	
78-93-3	2-Butanone			10.	U	108-88-3	Toluene	5.0	IJ	
1-55-6	1,1,1-Trichloroethane			5.0	IJ	108-90-7	Chlorobenzene ·	5.0	IJ	
23-5	Carbon Tetrachloride			5.0	Ü	100-41-4	Ethyl Benzene	5.0	IJ	
108-05-4	Vinyl Acetate		•	10.	U	100-42-5	Styrene	5.0	IJ	
75-27-4	Bromodichloromethane	:		5.0	ij		Total Tylenes	5.0	Ü	
78-87-5	1,2-Dichloropropane			5.0	IJ		•			
		·	DATA	REPORT	ING	QUALIFIERS				

for reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag aust be explicit.

Value . If the result is a value greater than or equal to the detection limit them report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 100) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less han the specified detection limit but greater than zero

(e.g. 103). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 3J.

- This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by 6C/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Laboratory Name: CompuChem Lab Sample ID No: 97524 Sample matrix: liquid

Data Release Authorized By: Groanics Analysis Data Sheet (Page 1)

Case: 634R QC Report No: Contract No: 68-01-7263

Date Sample Received:

ORIGINA-(Red)_

Volatile Compounds Concentration: low Date extracted/prepared: 08-22-86 Date analyzed: 08-22-86

Conc/Dil Factor:

1.00

pH: N/A

		Percent moistu	re inc	it 1	decanted): N	/A			
CAS		•			CAS				
Number		•	ug/l		Number		ug/1		
74-87-3	Chloromethane	1	10.	U	10061-02-6	trans-1,3-Dichloropropene	5.0	ij	
74-83-9	Brososethane		10.	Ü	79-01-6	Trichloroethene	5.0	U	ļ
75-01-4	Vinyl Chloride	1	10.	U	124-48-1	Dibromochioromethane	5.0	Ü	j
75-00-3	Chloroethane	:	10.	វ	79- 00-5	1,1,2-Trichloroethane	5.0		
75-09-2	Methylene Chloride		5.0	U	71-43-2 .		5.6	U	ł
67-64-1	Acetone	1	10.	Ü	10061-01-5	cis-1,3-Dichloropropene	5.0		
75-15-0	Carbon Disulfide		5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	ij	;
75-35-4	1,1-Dichloroethene		5.0	U	75-25-2	Bromoform	5.0	ij	j
75-34-3	1,1-Bichloroethane		5.0	U	109-10-1	4-Methyl-2-pentanone	10.	ij	ļ
156-60-5	trans-1,2-Dichloroethene	•	5.0	U	591-78-6	2-Hexanone	10.	U	ļ
67-66-3	Chlorofors		5.0	U	127-18-4	Tetrachloroethene	5.0	<u>li</u>	ļ.
96-2	1,2-Dichloroethane		5.0	U.	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	į
/3-3	2-Butanone	1	0.	U	108-88-3	Toluene	5.0	ij	į
71-55-6	i,i,1-Trichloroethane		5.0	IJ	108-90-7	Chlorobenzene	5.0	U	;
56-23-5	Carbon Tetrachloride	:	5.0	U	100-41-4	Ethyl Benzene	5.0	IJ	ļ
108-05-4	Vinyl Acetate	:	10.	Ü	100-42-5	Styrene	5.0	U	!
75-27-4	Bromodichloromethane		5.0.	IJ.		Total Xylenes	5.0	IJ	j
78-87-5	1,2-Dichloropropane		5.0	Ú					
		DATA RE	PORTI	NG	QUALIFIERS		*		

or reporting results to EPA, the following results qualifiers are used. Additional flags or foothotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was antiyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass ectral data indicated the presence of a compound that gets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Sug is calculated, then report as 33.
- C. This flag applies to pesticide parameters where the Identification has been confirmed by 6C/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contagination and warns the data user to _ take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

Lab. .ory Name: CompuChes Lab Sample ID No: 97526 Sample matrix: liquid

Data Release Authorized By: Organics Analysis Data Sheet (Page 1)

1) Case:

Case: 6348 QC Report No:

Contract No: 68-01-7263

Date Sample

Received: 08-21-

ORIGINAL

(Red)

Volatile Compounds
Concentration: low

Date extracted/prepared: 08-22-86 Date analyzed: 08-22-86

Conc/Bil Factor: 1.00 pH: N/A

Percent moisture (not decanted): N/A

CAS		* 4			CAS	· · ·		
Number			'ug/]		Musber		ug/]	
74-87-3	Chloromethane	•.	10.	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-83-9	Broscaethane		10.	Ü	79-01-6	Trichloroethene	5.0	Ü
75-01-4	Vinyl Chloride		10.	U	124-48-1	Dibromochloromethane	5.0	Ü
75-00-3	Chloroethane		10.	Ü	79-00-5	1,1,2-Trichloroethane	5.0	IJ
75-09-2	Methylene Chloride		5.0	Ü	71-43-2	Benzene	5.0	IJ
67-64-1	Acetone		10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U
75-15-0	Carbon Disulfide		5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	U
75-35-4	1,1-Dichloroethene		5.0	U	75-25-2	Brosofors	5.0	U
75-34-3	1,1-Dichloroethane	2	5.0	U	108-10-1	4-Methyl-2-pentanone	10.	U
-156-60-5	trans-1,2-Dichloroethene	•	5.0	U	591-78-6	2-Hexanone	10.	U
67-66- 3	Chloroform		5.0	IJ	127-18-4	Tetrachloroethene	5.0	Ü
107-06-2	1,2-Dichloroethane		5.0	U	79-34-5	1,1,2,2-Tetrachlorpethane	5.0	IJ
93-3	2-Butanone	-	10.	U.	108-88-3	Toluene	5.0	U
55-6	1,1,1-Trichloroethane		2,1	J	108-90-7	Chlorobenzene	. 5.0	U
56-23-5	Carbon Tetrachloride	•	5.0	U	100-41-4	Ethyl Benzene	5.0	U
108-05-4	Vinyl Acetate	:	10.	Ü	100-42-5	Styrene	5.0	U
75-27-4	Bromodichloromethane		5.0	IJ	•	Total Mylenes	5.0	IJ
78-87-5	1,2-Dichloropropane		_ 5.0	.U		•		
	_		-		BITAL TETERA	•		

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that rets the identification criteria but the result is less can the specified detection limit but greater than zero

(e.g. 10J). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 3J.

- C This flag applies to pesticide parameters where the identification has been confirmed by 6C/MS. Single Component pesticides >/= 10ng/ul in the final extract should be confirmed by 6C/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

ORIGINAL

(Red)

ory Name: CompuChem ale ID No: 97244 Sample matrix: liquid Data Release

Authorized By:

Organics Analysis Data Sheet (Page 1)

Case: QC Report No:

1.00

Contract No: 68-01-7263

Date Sample

Received: Volatile Compounds Concentration:

08-20-B6

6348

Date extracted/prepared: 08-21-86 Date analyzed: 08-21-86

Conc/Dil Factor:

DH: N/A

Percent moisture (not decanted): N/A

CAS CAS Number ug/l Number ug/l 74-87-3 Chlorosethane 10061-02-6 trans-1.3-Dichloropropene 5.0 U 10. 74-83-9 Brospaethane 10. 79-01-6 Trichloroethene 5.0. U 75-01-4 Vinyl Chloride 10. 124-48-1 Dibromochloromethane 5.0 U 75-00-3 Chloroethane 10. 79-00-5 1.1.2-Trichloroethane 5.0 U 75-09-2 Methylene Chloride 71-43-2 1.6 J Benzene 5.0 U 67-64-1 Acetone 10061-01-5 cis-1.3-Dichloropropene 10. 5.0 U 75-15-0 Carbon Disulfide ij 110-75-8 5.0 2-Chloroethyl Vinyl Ether 10. H 75-35-4 75-25-2 . 1.1-Dichloroethene 5.0 U Bromoform 5.0 U 75-34-3 1,1-Dichloroethane 5.0 U 108-10-1 4-Methyl-2-pentanone 10. li 156-60-5 trans-1,2-Dichloroethene 5.0 U 591-78-6 2-Hexanone 10. 67-66-3 Chlorofora 5.0 U 127-18-4 Tetrachloroethene 5.0 U 107-06-2 79-34-5 1,2-Dichloroethane 5.0 U 1,1,2,2-Tetrachioroethane 5.0 8 78-93-3 2-Butanone 10. 108-86-3 Toluene 5.0 8 1.1.1-Trichloroethane 5.0 U 1 108-90-7 -55-6 Chlorobenzene 5.0 U 23-5 Carbon Tetrachloride 5.0 U 100-41-4 Ethyl Benzene 5.0 U 108-05-4 Vinvl Acetate 10. 100-42-5 Styrene 5.0 U 75-27-4 Bromodichloromethane 5.0 U Total Tylenes 5.0 U 78-87-5 1.2-Dichloropropane 5.0 U

DATA REPORTING QUALIFIERS For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- Jalue If the result is a value greater than or equal to the detection limit then report the value.
 - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the sinimum attainable detection limit for the sample.
 - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less han the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 3J.
- This flag applies to pesticide parameters where the identification has been confirmed by BC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Laboratory Name: CompuChem Lab Sample ID No: 97245 Sample matrix: liquid

Data Release Authorized By: Organics Analysis Data Sheet (Page 1)

Case:

6348

QC Report No:

Contract No: 68-01-7263

Date Sample

Received:

pH: N/A

08-20-86

ORIG. (F.

Concentration: low
Date extracted/prepared: 08-21-86
Date analyzed: 08-21-86
Conc/Dil Factor: 1.00

Volatile Compounds

Percent moisture (not decanted): N/A

CAS Number up/1 Number up/l 74-87-3 Chloromethane 10. U 10061-02-6 trans-1,3-Dichloropropene 5.0 U 74-83-9 Bromomethane 10. U 79-01-6 Trichloroethene 5.0 B 75-01-4 Vinyl Chloride H 124-48-1 Dibromochloromethane 5.0 U 10. 75-00-3 Chloroethane 10. U 79-00-5 1,1,2-Trichloroethane 5.0 U 75-09-2 Methylene Chloride 2.4 J 71-43-2 5.0 U Benzene 67-64-1 Acetone 10. U 10061-01-5 cis-1,3-Dichloropropene 5.0 U 5.0 U 75-15-0 Carbon Disulfide 110-75-B 2-Chloroethyl Vinyl Ether 10. 5.0 U 75-25-2 75-35-4 1.1-Dichloroethene Brosofora 5.0 U 75-34-3 1.1-Dichloroethane 5.0 U 108-10-1 4-Methyl-2-pentanone 10. U 591-78-6 156-60-5 trans-1,2-Dichloroethene 5.0 U 2-Hexanone 10. 5.0 U 67-66-3 Chlorofora 127-18-4 Tetrachloroethene 5.0 U 79-34-5 1,1,2,2-Tetrachloroethane **17-**06-2 1,2-Dichloroethane 5.0 U 5.0 U `3-3 2-Butanone 108-88-3 10. U Toluene 5.0 U 5.0 8 5. -55-6 1.1.1-Trichloroethane 108-90-7 Chlorobenzene 5.0 U 5.0 9 100-41-4 Ethyl Benzene 56-23-5 Carbon Tetrachloride 5.0 1 10. U 100-42-5 Styrene 108-05-4 Vinyl Acetate 5.0 0 . 5.0 . U 75-27-4 Brosodichlorosethane Total Xylenes 5.0 B 78-87-5 1,2-Dichloropropane --- 5.0 ··· U

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag sust be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that lets the identification criteria but the result is less than the specified detection limit but greater than zero

(e.g. 10J). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 3J.

- C This flag applies to pesticide parameters where the identification has been confirmed by BC/MS. Single Component pesticides >/= 10ng/ul in the final extract should be confirmed by BC/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

v Name: CompuChes Lab Surple ID No: 97246 Sample matrix: libuid Data Release Authorized By:

108-05-4

75-27-4

78-87-5

Organics Analysis Data Sheet (Page 1)

Case: QC Report No:

> Contract No: 68-01-7263

6348

Date Sample

bH: N/A

Received: 08-20-86

ORIGIN:

(Red)

5.0 U

5.0 U

Volatile Compounds Concentration: Date extracted/prepared: 08-21-86 Date analyzed: 08-21-86 Conc/Dil Factor: 1.00

Percent moisture (not decanted): N/A

CAS Number Number ug/l uc/l 74-87-3 Chloromethane 10. 10061-02-6 trans-1.3-Dichloropropene 5.0 U U 74-B3-9 Brospaethane 10. 79-01-6 Trichloroethene 5.0 E 75-01-4 Vinvl Chloride 10. U 124-48-1 Dibromochloromethane 5.0 U 75-00-3 Chloroethane 10. U 79-00-5 1.1.2-Trichloroethane 5.0 U 75-09-2 Methylene Chloride 5.0 Ü 71-43-2 Benzene 5.0 U 67-64-1 Acetone 10. U 10061-01-5 cis-1.3-Dichloropropene 5.0 U 75-15-0 Carbon Disulfide 5.0 U 110-75-B 2-Chloroethyl Vinyl Ether 10. 75-35-4 1.1-Dichloroethene 5.0 11 75-25-2 Broapfore 5.0 U 75-34-3 1.1-Dichloroethane 5.0 U 108-10-1 4-Methyl-2-pentanone 10. 2-Hexanone 156-60-5 trans-1,2-Dichloroethene 5.0 U 591-78-6 10. U 5.0 U ~~**67-66-**3 Chloroform 127-18-4 Tetrachloroethene 5.0 1 107-06-2 1.2-Dichloroethane 5.0 U 79-34-5 1,1,2,2-Tetrachloroethane 5.0 U Toluene 28-93-3 2-Butanone 10. U 108-88-3 5.0 U 1.1.1-Trichloroethane 5.0 U 108-90-7 Chlorobenzene 5.0 8 75-6 Carbon Tetrachloride 23-5 5.0 U 100-41-4 Ethyl Benzene 5.0 U

DATA REPORTING QUALIFIERS

10. U

5.0 U

5.0 U

or-reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

100-42-5

Styrene

Total Tylenes

alue If the result is a value greater than or equal to the detection limit then report the value.

Vinvl Acetate

Bromodichloromethane

1,2-Dichloropropane

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that geets the identification criteria but the result is less an the specified detection limit but greater than zero

- (e.g. 103). If limit of detection is 10un and a concentration of Sug is calculated, then report as 3J.
- This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- This flag is used when the analyte-is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warms the data user to take appropriate action.

Laboratory Name: CompuChem Lab Sample ID No: 97248 Sample matrix: liquid Data Release

Authorized By:

•

Organics Analysis Data Sheet (Page 1)

Case: 6348

QC Report No: 68-01-7263

Date Sample Received:

0R-70-R4-

ORIGINAL

(Red)

Volatile Compounds

Concentration: 10w
Date extracted/prepared: 08-21-86

Date analyzed: Conc/Dil Factor: 08-21-86

1.00 pH: N/A

Percent moisture (not decanted): N/A

	र दा ६	ent moisture ii	inr.	nerquient: M	<i>i</i> n	,		
CAS	•			CAS		;		
Number		ug/3		Number		ug/I		
74-87-3	Chloromethane	10.	IJ	10061-02-6	trans-1,3-Dichloropropene	5.0	{ }	
74-83-9	Bromomethane	10.	U	79-01-6	Trichloroethene	2.1	J	
75-01-4	Vinyl Chloride	10.	IJ	124-48-1	Dibromochloromethane	5.0	Ü	
75-00-3	Chloroethane	10.	Ü	79-00-5	1,1,2-Trichloroethane	5.0	IJ	
75-09-2	Methylene Chloride	5.0	Ü	71-43-2	Benzene	5.0	Ü	
67-64-1	Acetone	10.	IJ	10061-01-5	cis-1,3-Dichloropropene	5.0	IJ	
75-15-0	Carbon Disulfide	5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	ij	
75-35-4	1,1-Dichloroethene	5.0	ប	75-25-2	Brosofors	5.0	U	
75-34-3	1,1-Dichloroethane	5.0	Ü	108-10-1	4-Methyl-2-pentanone	10.	U	
-156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	U	
67-66-3	Chlorofora	5.0	IJ	127-18-4	Tetrachloroethene	5.0	U	
7-06-2	1,2-Dichloroethane	5.0	IJ	79-34-5	-1,1,2,2-Tetrachioroethane	5.0	Ü	
93-3	2-Butanone	10.	Ü	108-88-3	Toluene	5.0	ü	
~/1-55-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	Ú	
56-23-5	Carbon Tetrachloride	5.0	IJ	100-41-4	Ethyl Benzene	5.0	IJ	
108-05-4	Vinyl Acetate	10.	IJ	100-42-5	Styrene	5.0	Ü	
75-27-4	Bromodichloromethane	5.0	IJ		Total Xylenes	5.0	Ü	
78-87-5	1,2-Dichloropropane	5.0	Ü	•	·			

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

DATA REPORTING QUALIFIERS

Value If the result is a value greater than or equal to the detection limit then report the value.

- Undicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that acts the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Jug is calculated, then report as JJ.
- C. This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

CC906 / KEESEN'S SERVES

Laboratory Name: CompuChem Lab Sample ID No: 97250 Sample matrix: liquid

Data Release Authorized By: Organics Analysis Data Sheet (Page 1)

Case: QC Report No:

Contract No: 68-01-7263

Date Sample

Received:

08-20-86

6348

Volatile Compounds Concentration: Date extracted/prepared: 08-21-86 08-21-86 Date analyzed: Conc/Dil Factor: 1.00

pH: N/A

ORIGINAL

(Red)

Percent moisture (not decanted): N/A CAS ug/l Number ug/l Number 74-87-3 10. U 10061-02-6 Chloromethane trans-1,3-Dichloropropene 5.0 U 74-83-9 Bromomethane 10. 79-01-6 Trichloroethene 5.0 U 75-01-4 Vinvl Chloride 10. 124-48-1 Dibromochloromethane 5.0 U 75-00-3 79-00-5 Chloroethane 10. 1,1,2-Trichloroethane 5.0 U 5.0 U 75-09-2 Methylene Chloride 71-43-2 Benzene 5.0 B Acetone 67-64-1 10. U 10061-01-5 cis-1,3-Dichloropropene 5.0 U 5.0 U 75-15-0 Carbon Disulfide 110-75-8 2-Chloroethyl Vinyl Ether 10. 75-35-4 5.0 U 75-25-2 1.1-Dichloroethene Brosofors 5.0 U 5.0 U 75-34-3 1.1-Dichioroethane 108-10-1 4-Methyl-2-pentanone 10. 156-60-5 trans-1,2-Dichloroethene 5.0 U 591-78-6 2-Hexanone 10. 67-66-3 Chlorofora 5.0 U 127-18-4 Tetrachloroethene 5.0 B -06-2 1,2-Dichloroethane 5.0 U 79-34-5 1,1,2,2-Tetrachloroethane 5.0 U 2-Butanone 73-3 10. 108-88-3 Toluene 5.0 B 5-55-6 5.0 U 108-90-7 1,1,1-Trichloroethane Chlorobenzene 5.6 8 56-23-5 Carbon Tetrachloride 5.0 D 100-41-4 Ethyl Benzene 5.0 U 108-05-4 Vinyl Acetate 10. U 100-42-5 Styrene 5.0 U 5.0 U 75-27-4 Bromodichloromethane Total Xylenes 5.0 U ₹5.0° U 78-87-5 1,2-Dichloropropane

DATA REPORTING QUALIFIERS -

or reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- Falue If the result is a value greater than or equal to the detection limit them report the value.
 - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
 - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that sets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 3J.
- C This flag applies to pesticide parameters where the identification has been confirmed by 6C/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by 6C/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates potable/ probable blank contamination and warns the data user to take appropriate action.

Laboratory Name: CompuChem
Lab Sample ID No: 97251
Sample matrix: liquid
Data Release

Authorized By:

Organics Analysis Data Sheet (Page 1)

Case:

6348

QC Report No: Contract No:

Received:

e: 68-01-7263

Date Sample

ORIGINA

Volatile Compounds

Concentration: low

Date extracted/prepared: 08-21-86

08-20-86__

(Red)___

Bate analyzed: Conr/Dil Factor:

08-21-86 1.00

pH: N/A

Percent moisture (not decanted): N/A

	· YE	rcent moisture (r	JÜL	nstauren: w	/ N			
CAS				CAS	• ,			
Number		ug/]		Number		ug/1		
74-87-3	Chloromethane	10.	U	10061-02-6	trans-1,3-Dichloropropene	5.0	U	
74-83-9	Broacethane	10.	ប	79-01-6	Trichloroethene	5.0	ij	
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0	U	
75-00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	Ü	
75-09-2	Methylene Chloride	5.0	U	71-43-2	Benzene	5.0	U	
67-64-1	Acetone	10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U	
75-15-0	Carbon Disulfide	5.0	IJ	110-75-8	2-Chloroethyl Vinyl Ether	10.	IJ	
75-35-4	1,1-Dichloroethene	5.0	IJ	75-25-2	Broacfora	5.0	ij	
75-34-3	1,1-Dichloroethane	5.0	IJ	108-10-1	4-Methyl-2-pentanone	10.	Ü	
156-60-5	trans-1,2-Dichloroethene	5.0	Ü	591-78-6	2-Hexanone	10.	ប	
67-66-3	Chlorofore	1.5	3	127-18-4	Tetrachloroethene	5.0	IJ	
7-06-2	1,2-Dichloroethane	5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	
13-3	2-Butanone	10.	U	108-88-3	Toluene	5.0	U	
11-55-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	U	
56-23-5	Carbon Tetrachloride	5.0	IJ	100-41-4	Ethyl Benzene	5.0	ij	
108-05-4	Vinyl Acetate	10.	Ü	100-42-5	Styrene	5.0	IJ	
75-27-4	Bromodichloromethane	- 5.0	U		Total Kylenes	5.0	ij	
76-87-5	1,2-Dichloropropane	5.0	В					

DATA REPORTING QUALIFIERS.

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that eets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 3J.
- C This flag applies to pesticide parameters where the identification has been confirmed by 6C/MS. Single component pesticides >/= 10ng/ul in the final extract "should be confirmed by 6C/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

ory Name: CompuChem Lab Sample ID No: 97254 Sample matrix: liquid Data Release

Authorized By:

Organics Analysis Data Sheet

(Page 1)

Case: 634B

QC Report No:

68-01-7263 Contract No:

Date Sample

Received:

09-20-BA

Concentration: Date extracted/prepared: 08-21-86 Date analyzed: 05-21-86 Conc/Dil Factor: 1.00

Volatile Compounds

pH: N/A

Percent moisture (not decanted): N/A

CAS	.:			CAS			•
Number		· ug/	1	Number		ug/l	
74-87-3	Chloromethane	10.	U	10061-02-6	trans-1,3-Dichlorupropene	5.0	IJ
74-B3-9	Brosomethane	10.	U	79-01-6	Trichloroethene	5.0	Ü
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibrosochlorosethane	5.0	U
75-00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichlorpethane	5.6	ij
75-09-2	Methylene Chloride	5.0	Ü	71-43-2	Benzene	5.0	U
67-64-1	Acetone	10.	Ü	10061-01-5	cis-1,3-Dichloropropene	5.0	IJ
75-15-0	Carbon Disulfide	5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	IJ
75-35-4	1,1-Dichloroethene	5.0	Ü	75-25-2	Broacfora	5.0	IJ
75-34-3	1.1-Dichlorosthane	5.0	U	108-10-1	4-Methyl-2-pentanone	16.	U
156-60-5	trans-1,2-Dichloroethene	5.0	U	591- <u>7</u> 8-6	2-Hexanone	10.	Ü
67-66-3	Chlorofore	5.0	IJ	127-18-4	Tetrachloroethene	5.0	U
107-06-2	1,2-Dichloroethane	. 5.0	U	. 79-34-5	1,1,2,2-Tetrachioroethane	5.0	IJ
77-3	2-Butanone	10.	ij	108-88-3	Toluene	5.0	Ü
3-6	1,1,1-Trichloroethane	. 5.0	Ü	108-90-7	Chlorobenzene	5.0	ij
56-23-5	Carbon Tetrachloride	5.0	ប	100-41-4	Ethyl Benzene	5.0	U
108-05-4	Vinyl Acetate	: 10.	Ü	100-42-5	Styrene	. 5.6	U
75-27-4	Bromodichloromethane	- 5.0	U,	-	Total Xylenes	5.0	U
78-87-5	1,2-Dichloropropane	5.0	- H-				

DATA REPORTING QUALIFIERS

r reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- lue If the result is a value greater than or equal to the detection limit them report the value.
- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that s the identification criteria but the result is less . the specified detection limit but greater than zero

- (e.g. 103). If limit of detection is 10up and a concentration of Jug is calculated, then report as 3J.
- This flag applies to pesticide parameters where the identification has been confirmed by 60/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by 6C/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.
- Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

ery Name: CompuChem Lab Sample ID No: 97255 Sample matrix: liquid Data Release Authorized By:

Organics Analysis Data Sheet (Page 1)

Case: **QC** Report No: Contract No:

6348 68-01-7263

08-20-86

ORIGINAL (Red)

Volatile Compounds

Concentration: Date extracted/prepared: 08-21-86 Date analyzed: 06-21-66

Conc/Dil Factor: 1.00

pH: N/A

Date Sample

Received:

Parrent enicture (not decapted): N/A

646		rercent mois	ture in	ιοτ	pecanted): N	/ A			
CAS	.:		11		CAS Number		13		
Number			ug/1	l	Number		ug/l		
74-87-3	Chlorosethane		·10.	Ü	10061-02-6	trans-1,3-Dichloropropene	5.0	U	
74-83-9	Brozoze thane		10.	U	79-01-6	Trichloroethene	5.0	IJ	
75-01-4	Vinyl Chloride		10.	Ü	124-48-1	Dibromochloromethane	5.0	U	
75-00-3	Chloroethane		10.	IJ	79-00-5	1,1,2-Trichloroethane	5.0	U	
75-09-2	Methylene Chloride		3.1	3	71-43-2	Benzene	5.0	U	
67-64-1	Acetone		10.	IJ	10061-01-5	cis-1,3-Dichloropropene	5.0	U	
75-15-0	Carbon Disulfide		5.0	IJ	110-75-B	2-Chloroethyl Vinyl Ether	10.	ij	
75-35-4	1,1-Dichlorgethene		5.0	ប	75-25-2	Brosofors .	5.0	ß	
75-34-3	1,1-Dichloroethane		5.0	U	108-10-1	4-Methyl-2-pentanone	10.	Ü	
156-60-5	trans-1,2-Dichloroethene	•	5.0	Ü	591-78-6	2-Hexanone	10.	U	
67-66-3	Chiproform		3.1	J	127-18-4	Tetrachloroethene	5.0	U	
107-06-2	1,2-Dichloroethane		5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	U	
7-93-3	2-Butanone		10.	U	108-88-3	Toluene	5.0	IJ	
-55-6	1,1,1-Trichloroethane		5.0	U	108-90-7	Chlorobenzene	5.0	Ü	
56-23-5	Carbon Tetrachloride	••	5.0	Ü	100-41-4	Ethyl Benzene	5.0	U	
108-05-4	Vinyl Acetate	:	10.	U	100-42-5	Styrene	5.0	ij	
75-27-4	Browodichloromethane		5.0	Ü		Total Xylenes	5.0	U	
78- 87-5	1,2-Dichloropropane	_ <u>:-</u>	5.0	_U	•				
		DATA	REPORT	ING	QUALIFIERS				

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less han the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Sug is calculated, then report as 33.
- This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by 6C/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

ory Name: CompuChem Lau Laple ID No: 97256 Sample matrix: liquid Data Release

Authorized By:

Organics Analysis Data Sheet

(Page 1)

Case: 6348

QC Report No: Contract No: -68-01-7263

ORIGINAL

Date Sample Volatile Compounds

Received:

08-20-86

(Red)

Concentration: Date extracted/prepared: 08-21-86

Date analyzed: Conc/Dil Factor: 08-21-86

pH: N/A

	Ρ(ercent moisture (i	iot	decanted): N	/A		
CAS				CAS			
Number	.:	ug/I		Number		ug/1	
74-B7-3	Chloromethane	10.	IJ	10061-02-6	trans-1,3-Dichloropropene	5.0	U
74-B3-9	Bromomethane	10.	IJ	79-01-6	Trichloroethene -	5.0	U
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0	U
75- 00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	Ü
75-09-2	Methylene Chloride	2.6	3	71-43-2	Benzene	5.0	U
67-64-1	Acetone	10.	IJ	10061-01-5	cis-1,3-Dichloropropene	5.0	IJ
75-15-0	Carbon Disulfide	5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	IJ
75-35-4	1,1-Dichloroethene	5.0	Ü	75-25-2	Brosofors	5.0	U
75-34-3	1,1-Dichloroethane	5.0	U	108-10-1	4-Methyl-2-pentanone	10.	Ü
156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	Ü
67-66-3	Chloroform	5.0	Ü	127-18-4	Tetrachloroethene	5.0	ij
107-06-2	1,2-Dichloroethane	5.0	ij	7 9 -34-5	1,1,2,2-Tetrachloroethane	5.0	Ü
7B-93-3	2-Butanone	10.	Ü	108-88-3	Toluene	5.0	U
-55-6	1,1,1-Trichloroethane	5.0	U.	108-90-7	Chlorobenzene	5.0	U
J-23-5	Carbon Tetrachloride	5.0	U	100-41-4	Ethyl Benzene	5.0	Ü
108-05-4	Vinyl Acetate	10.	IJ	100-42-5	Styrene	5.0	U
75-27-4	Browodichloromethane	: 5.0	IJ	**	Total Xylenes	5.0	U
7 8-87-5	1,2-Dichloropropane	5.0	U	•.	••	•	
		DATA REPORT	INE	QUALIFIERS			

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit them report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the mample with. the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

(e.g. 10J). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 3J.

- This flag applies to pesticide parameters where the identification has been confirmed by SC/MS. Single component pesticides >/= 10ng/ul in the final extract Should be confirmed by 6C/MS.
- B This flag is used when the analyte is found in the plank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Laboratory Name: CompuChem
Lab Sample ID No: 97257
Sample matrix: liquid
Data Release
Authorized By:

Organics Analysis Data Sheet (Page 1)

Case: 6348

QC Report No:

Contract No: 68-01-7263

ORIGINAL (Red)

Volatile Compounds

. 12 ¥6C&1 A6

Received: 08-20

Date Sample

DH: N/A

08-20-86 -

, **.** .

Concentration: 1 ow Date extracted/prepared: 08-21-86 Date analyzed: 08-21-86 Conc/Dil Factor: 1.00

Percent moisture (not decanted): N/A

CAS CAS Number Nucher ug/l ug/l 74-87-3 Chloromethane 10061-02-6 10. trans-1,3-Dichloropropene 5.0 1 74-83-9 Bromomethane 10. 79-01-6 Trichloroethene 5.0 U 75-01-4 Vinvl Chloride 10. 124-48-1 Dibromochloromethane 5.0 U 75-00-3 Chloroethane 10. 79-00-5 1,1,2-Trichloroethane 5.0 U 75-09-2 1.6 3 Methylene Chloride 71-43-2 Benzene 5.0 .0 67-64-1 Acetone 10. U 10061-01-5 cis-1,3-Dichloropropene 5.0 U 75-15-0 5.0 U Carbon Disulfide 110-75-8 2-Chloroethyl Vinyl Ether 10. 75-35-4 1.1-Dichloroethene 5.0 U 75-25-2 5.0 U Brosofors 5.0 U 75-34-3 1.1-Dichloroethane 108-10-1 4-Methyl-2-pentanone 10. 1 5.0 U 156-60-5 trans-1,2-Dichloroethene 591-78-6 2-Hexanone 10. U 67-66-3 5.0 U Chlorofore 127-18-4 Tetrachloroethene 5.0 U **I-**06-2 1,2-Dichlorpethane 5.0 U 79-34-5 1.1.2.2-Tetrachloroethane 5.0 U 3-3 2-Butanone 10. 108-88-3 Toluene 5.0 U 5.0 4 1.1.1-Trichloroethane ેં . -**ઇ5**−6 108-90-7 Chlorobenzene 5.0 4 5.0 B 56-23-5 Carbon Tetrachloride 100-41-4 Ethyl Benzene 5.0 U 108-05-4 Vinyl Acetate 10. U 100-42-5 Styrene 5.0 U 75-27-4 Bromodichloromethane 5.0 U Total Xylenes 5.0 U 1,2-Dichloropropane ₹5.0° Û 78-87-5

DATA REPORTING QUALIFIERS

or reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- alue If the result is a value greater than or equal to the detection limit then report the value.
 - U Indicates compound was analyzed for but not detected.
 Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
 - J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass rectral data indicated the presence of a compound that its the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 33
- C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by GC/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate(action.

Other Other specific flags and footnotes hay be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

Laboratory Name: CompuChem Lab Sample ID No: 97259 Sample matrix: liquid Data Release

Authorized By:

Organics Analysis Data Sheet (Page 1)

Case: 6348

QC Report No: Contract No: 68-01-7263

ORIGINAL (Red)

Bate Sample

Received:

08-20-86 ..

pH: N/A

Concentration: Date extracted/prepared: 08-21-86 Date analyzed: 08-21-86 Conc/Dil Factor: 1.00

Volatile Compounds

Percent apisture (not decanted): N/A

CAS CAS Number Number ยอ/ไ ug/1 74-87-3 U 10061-02-6 Chloromethane 10. trans-1,3-Dichloropropene 5.0 U Trichloroethene 74-83-9 Brosomethane 79-01-6 10. 5.0 U 75-01-4 Vinyl Chloride 10. 124-48-1 Dibromochloromethane 5.0 4 75-00-3 79-00-5 Chloroethane 10. IJ 1,1,2-Trichloroethane 5.0 8 75-09-2 Methylene Chloride 1.4 J 71-43-2 Benzene 5.0 1 Acetone 67-64-1 U 10061-01-5 10. cis-1.3-Dichloropropene 5.0 U 5.0 U 75-15-0 Carbon Disulfide 110-75-B 2-Chloroethyl Vinyl Ether 10. 75-35-4 1,1-Dichloroethene 5.0 U 75-25-2 5.0 B Brosofors 5.0 U 108-10-1 75-34-3 1.1-Dichlorpethane 4-Methyl-2-pentanone 10. 5.0 U 156-60-5 trans-1,2-Dichloroethene 591-78-6 2-Hexanone 10. Tetrachloroethene 67-66-3 5.0 U 127-18-4 Chlorofora 5.0 U -06-2 1.2-Dichloroethane 5.0 8 79-34-5 1,1,2,2-Tetrachloroethane 5.0 8 3-3 2-Butanone 11 . 108-88-3 Toluene 5.0 B 10. 11-55-6 1.1.1-Trichloroethane 5.0 B 108-90-7 Chlorobenzene 5.0 B 56-23-5 Carbon Tetrachloride 5.0 U 100-41-4 Ethyl Benzene 5.0 8 Vinyl Acetate 10. U 100-42-5 108-05-4 Styrene 5.0 U 75-27-4 Brosodichlorosethane 5.0 · U Total Xylenes 5.0 8 78-87-5 1,2-Dichloropropane ≕ 5.0∵ช

DATA REPORTING QUALIFIERS

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value oreater than or equal to the detection limit them report the value.

- Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number as the minimum attainable detection limit for the same.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that mets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10up and a concentration of Jug is calculated, then report as 3J.
- This flag applies to pesticide parameters where the identification has been confirmed by 6C/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by SC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriaté action.

Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

Laboratory Name: CompuChem
Lab Sample ID No: 97261
Sample matrix: liquid
Data Release
Authorized By:

Organics Analysis Data Sheet
(Page 1)

Case: 6348

QC Report No:

Contract No: 68-01-7263

Date Sample

Received:

08-20-86.

ORIGINAL

(Red)

Concentration: low
Date extracted/prepared: 08-22-86
Date analyzed: 08-22-86

Volatile Compounds

Conc/Dil Factor:

1.00

pH: N/A

Percent moisture (not decanted): N/A

	1	ercent moisture (not	decanted): N	/A			
CAS	.:			CAS	• •			
Number		ug/	1	Nusber		ug/l		
74-87-3	Chloromethane	10.	U	10061-02-6	trans-1,3-Dichloropropene-	5.0	U	
74-83-9	Broscsethane	10.	U	79-01-6	Trichloroethene	5.0	U	
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0	U	
75-00-3	Chloroethane	10.	IJ	79-00-5	1,1,2-Trichloroethane	5.0		
75-09-2	Methylene Chloride	5.0	ij	71-43-2	Benzene	5.0		
67-64-1	Acetone	10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U	
75-15-0	Carbon Disulfide	5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	Ü	
75-35-4	1,1-Dichloroethene	5.0	U	75-25-2	Brosofors	5.0	IJ	
75-34-3	1,1-Dichloroethane	5.0	IJ	108-10-1	4-Methyl-2-pentanone	10.	IJ	
-156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	U	
67-66-3	Chlorofora	5.0	U	127-18-4	Tetrachloroethene	5.0	U	
7-06-2	1,2-Dichloroethane	5.0	· U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	Ü	
3-3	2-Butanone	10.	ij	· 108-88-3	Toluene	5.0	Ü	
11-55-6	1,1,1-Trichloroethane	5.0	U	108-90-7	Chlorobenzene	5.0	IJ	
56-23-5	Carbon Tetrachloride	5.0	Ü	100-41-4	Ethyl Benzene	5.0	Ü	
108-05-4	Vinyl Acetate	10.	Ü	100-42-5	Styrene	5.0	U	
75-27-4	Broadichloromethane	- 5.0	·U		Total Xylenes	5.0	ij	
78-87-5	1,2-Dichloropropane	5.0	ำับ					
		DATA REPORT	TINE	QUALIFIERS -	•			

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag aust be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit.) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that sets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 3J.
- C This flag applies to pesticide parameters where the identification has been confirmed by 6C/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by 6C/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.

Laboratory Name: CompuChem Lab Sample ID No: 97263 Sample matrix:

Data Release Authorized By: Organics Analysis Data Sheet

(Page 1)

6348 Case: QC Report No:

ORIGINAL

Contract No: 68-01-7263 Bate Sample

0B-20-B5

(Red)

Volatile Compounds

1 nu

Date extracted/prepared: 08-22-86

Date analyzed:

Concentration:

08-22-86

pH: N/A

Received:

Conc/Dil Factor: 1.00

Percent moisture (not decanted): N/A

CAS				CAS			
Number		ug/l		Number	-	ug/1	
74-87-3	Chloromethane	10.	Ü	10061-02-6	trans-1,3-Dichloropropene	. 5.0	U
74-83-9	Brososethane	10.	IJ	79-01-6	Trichloroethene	5.0	U
75-01-4	Vinyl Chloride	10.	IJ	124-48-1	Dibromochloromethane	5.0	U
75-00-3	Chloroethane	10.	Ü	79-00-5	1,1,2-Trichloroethane	5.0	ម
75-09-2 ·	Methylene Chloride	5.0	IJ	71-43-2	Benzene	5.0	Ü
67-64-1	Acetone	10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0	Ü
75-15-0	Carbon Disulfide	5.0	U	110-75-8	2-Chloroethyl Vinyl Ether	10.	U
75-35-4	1,1-Dichloroethene	5.0	U	75-25-2	Brosoform	5.0	U
75-34-3	1,1-Dichloroethane	5.0	Ü	- 108-10-1	4-Methyl-2-pentanone	10.	Ü
156-60-5	trans-1,2-Dichloroethene	5.0	ij	591-78-6	2-Hexanone	10.	ij
-66-3	Chlorofora	5.0	U,	127-18-4	Tetrachloroethene	5.0	U
16-2	1,2-Dichloroethane	5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	Ü
70-93-3	2-Butanone	·· 10.	U	108-88-3	Toluene .	- 5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	Ü	108-90-7	Chlorobenzene	5.0	U
56-23-5	Carbon Tetrachloride	5.0	Ü	100-41-4	Ethyl Benzene	. 5.0	U
108-05-4	Vinyl Acetate	10.	· U	100-42-5	Styrene	5.0	ij
75-27-4	Brosodichlorosethane _	5.0	Ü		Total Xylenes	5.0	IJ
78-87-5	1,2-Dichloropropane	5.0	IJ	•		•	
	· -	DATA REPORT			·		

or reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

- Palue If the result is a value greater than or equal to the detection limit then report the value.
 - Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/ dilution actions. (This is not necessarily the instrument detection limit.) The focinote should read: U-Compound was analyzed for but not peterted. The number is the minimum attainable detection limit for the sample.
 - Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass ectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

- (e.g. 10J). If limit of detection is 10ug and a concentration of Jug is calculated, then report as 3J.
- C This flag applies to pesticide parameters where the identification has been confirmed by GC/MS. Single component pesticides >/= 10ng/ul in the final extract should be confirmed by BC/MS.
- This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.
- Other Other specific flags and footnotes may be required to properly define the results. If used, they must be fully described and such description attached to the data summary report.

Labo. Lry Name: CompuChem Lab Sample ID No: 97264 Sample matrix: liquid Data Release

Authorized By:

Organics Analysis Data Sheet (Page 1)

Case: 6348

QC Report No: ______Contract No: 68-01-7263

Date Sample

Received: 08-20-86

ORIGINAL (Red)

Volatile Compounds
Concentration: low
Date extracted/prepared: 08-22-86
Date analyzed: 08-22-86

Conc/Dil Factor: 1.00 pH: N/A

Percent moisture (not decanted): N/A

	,	rercent moisture i	not	pecanteg): m	/H			
CAS	. •	•		CAS				
Number		ug/	1	Number		ug/l		
74-8 7-3	Chiprosethane	10.	U	10061-02-6	trans-1,3-Dichloropropene-	5.0	IJ	
74-83-9	Brospaethane	. 10.	U	79-01-6	Trichloroethene	5.0	Ü	
75-01-4	Vinyl Chloride	10.	U	124-48-1	Dibromochloromethane	5.0	U	
75-00-3	Chloroethane	10.	U	79-00-5	1,1,2-Trichloroethane	5.0	Ü	
75-09-2	Methylene Chloride	6.2		71-43-2	Benzene	5.0	IJ	
67-64-1	Acetone	10.	U	10061-01-5	cis-1,3-Dichloropropene	5.0	U	
75-15-0	Carbon Disulfide	5.0	IJ	110-75-8	2-Chloroethyl Vinyl Ether	10.	U	
75-35-4	1,1-Dichloroethene	5.0	U	75-25-2	Broanfora	5.0	U	J
75-34-3	-1,1-Dichloroethane	5.0	U	108-10-1	4-Methyl-2-pentanone	10.	Ľ	
156-60-5	trans-1,2-Dichloroethene	5.0	U	591-78-6	2-Hexanone	10.	U	}
67-66-3	Chloroform	5.0	Ü	127-18-4	Tetrachloroethene	5.0	U	!
107-06-2	1,2-Dichloroethane	5.0	U	79-34-5	1,1,2,2-Tetrachloroethane	5.0	Ü	j
93-3	2-Butanone	10.	·U	108-88-3	Toluene	5.0	IJ	
55-6	1,1,1-Trichloroethane	5.0	¥	108-90-7	Chlorobenzene	5.0	U	ł
56-23-5	Carbon Tetrachloride	5.0	U	100-41-4	Ethyl Benzene	5.0	Ú	
108-05-4	Vinyl Acetate	10.	Ü	100-42-5	Styrene	5.0	U	l
75-27-4	Brosodichlorosethane	- 5.0	U		Total Xylenes	5.0	U	j
78-87-5	1,2-Dichloropropane	5.0	·U	wr t	-			

DATA REPORTING QUALIFIERS .

For reporting results to EPA, the following results qualifiers are used. Additional flags or footnotes explaining results are encouraged. However, the definition of each flag must be explicit.

Value If the result is a value greater than or equal to the detection limit then report the value.

- U Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g. 10U) based on necessary concentration/dilution actions. (This is not necessarily the instrument detection limit-) The footnote should read: U-Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicated the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero

(e.g. 103). If limit of detection is 10ug and a concentration of 3ug is calculated, then report as 3J.

- C This flag applies to pesticide parameters where the identification has been confirmed by BC/MS. Single component pesticides >/* 10ng/ul in the final extract should be confirmed by BC/MS.
- B This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/ probable blank contamination and warns the data user to take appropriate action.